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2012 IBC Structural/Seismic Design Manual Volume 1: Code Application Examples



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 1 contains code application examples based on the IBC and ASCE 7-10 including determination of seismic irregularities, combinations of structural systems, determination of drift, support of discontinuous systems, and analysis of seismic forces applied to equipment, non-structural elements and non-building structures. Volume 1 includes: Sample structures ASCE 7 equations applied to examples Code and standard references for each example 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.

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Customer Reviews

Must have for structural engineers doing buildings. Clear and concise examples and solutions on how to apply ASCE 7 for seismic design. Also great for studying for the SE Exam. HIGHLY RECOMMENDED!

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.

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