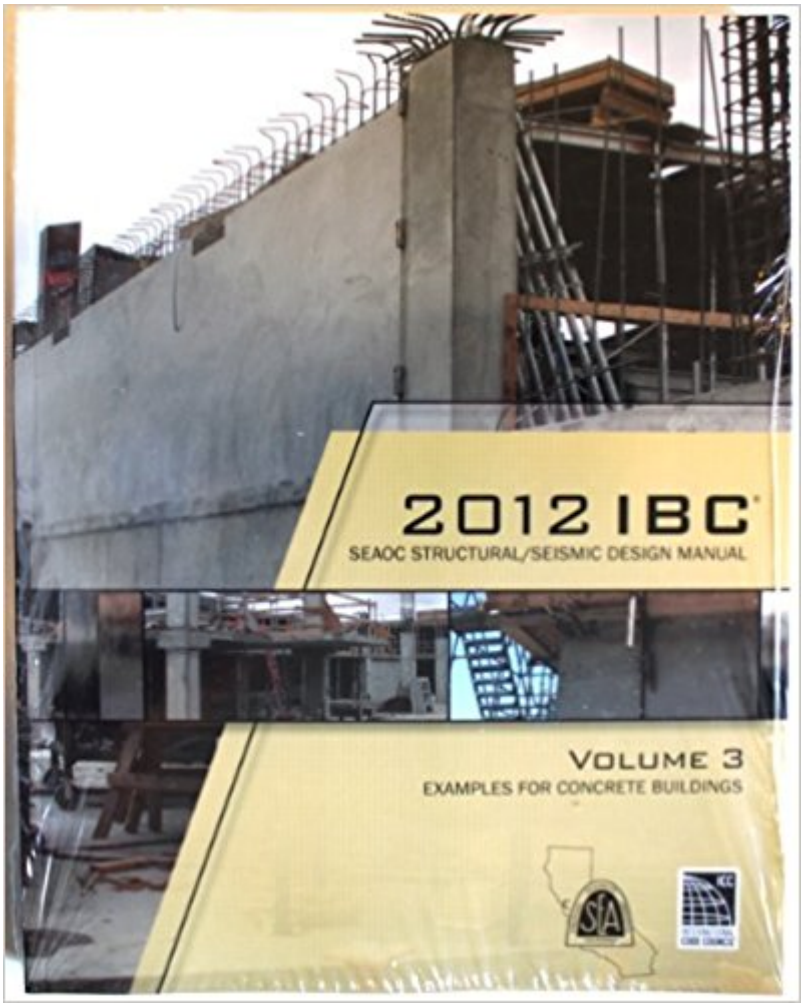
2012 IBC SEAOC Structural/Seismic Design Manual Examples For Concrete Buildings



Synopsis

The 2012 IBC Structural/Seismic Design Manual provides a step-by-step approach to applying the structural provisions of the 2012 International Building CodeÃƒâ Ã Â® and referenced standards. Volume 3 contains code application examples of concrete construction. Moment frames, braced frames and shear wall construction are analyzed. Volume 3 includes sample structures containing concrete moment frames or shear walls, diaphragm and pile design, including: Reinforced Concrete Wall Reinforced Concrete Wall with Coupling Beams Reinforced Concrete Special Moment Frame Reinforced Concrete Parking Garage Pile Foundation Design Design of Concrete Diaphragm and Collector 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

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Useful review/ reference material for the SE exam. In-depth example problems that are also useful for reference at work regardless of where you live in the USA.

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.

Honestly this is the best money I've ever spent. The examples THOROUGHLY explain all concepts you need to know, show you step by step and even give comparison between hand calculations vs program design. If you use Etabs you will find it especially useful since it references many things in ETABS.I bought this book because I felt not as strong in seismic. This book gives me confidence of not only just explaining how to design, but giving you tips on what to do, what to avoid, reasons for using method or another. It is simply invaluable for design.

Excelent

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