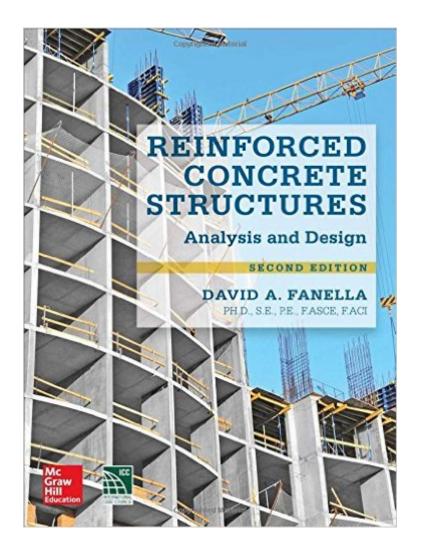
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Reinforced Concrete Structures: Analysis And Design, Second Edition





Synopsis

A fully revised guide to the design and analysis of reinforced concrete structures according to the 2014 edition of ACI 318ŠThis practical resource offers concise explanations of reinforced concrete design principles and teaches safe and cost-effective engineering and construction techniques. Reinforced Concrete Structures: Analysis and Design, Second Edition, has been thoroughly updated to reflect the latest requirements in both the 2014 ACI 318 structural concrete code and the 2015 International Building Code®. Examples, procedures, and flowcharts illustrate compliance with each provision. This comprehensive guide features new in-depth coverage of ACI earthquake design requirements. SI units are now included throughout all of the chapters. Reinforced Concrete Structures: Analysis and Design, Second Edition, covers:Material properties of concrete and reinforcing steelConsiderations for analysis and designRequirements for strength and serviceabilityPrinciples of the strength design methodBeams, one-way slabs, and two-way slabsColumns, walls, and foundationsDesign and detailing for earthquake effects

Book Information

Hardcover: 976 pages Publisher: McGraw-Hill Education; 2 edition (September 16, 2015) Language: English ISBN-10: 0071847847 ISBN-13: 978-0071847841 Product Dimensions: 7.5 x 2 x 9.2 inches Shipping Weight: 1.6 pounds (View shipping rates and policies) Average Customer Review: 4.8 out of 5 stars Â See all reviews (4 customer reviews) Best Sellers Rank: #401,831 in Books (See Top 100 in Books) #38 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Concrete #162 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural #567 in Books > Textbooks > Engineering > Mechanical Engineering

Customer Reviews

Excellent textbook! very thorough and clear explanation of reinforced concrete theory, analysis and design. I strongly recommend it to professors and students, it is based on ACI 318-14. I adopted it for my Reinforced Concrete Design Course at the University of Illinois at Chicago for Fall 2015 semester.

Excellent textbook on analysis and design of reinforced concrete and is based on ACI 318-14.

Very good book. Good theory and problems.

good

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