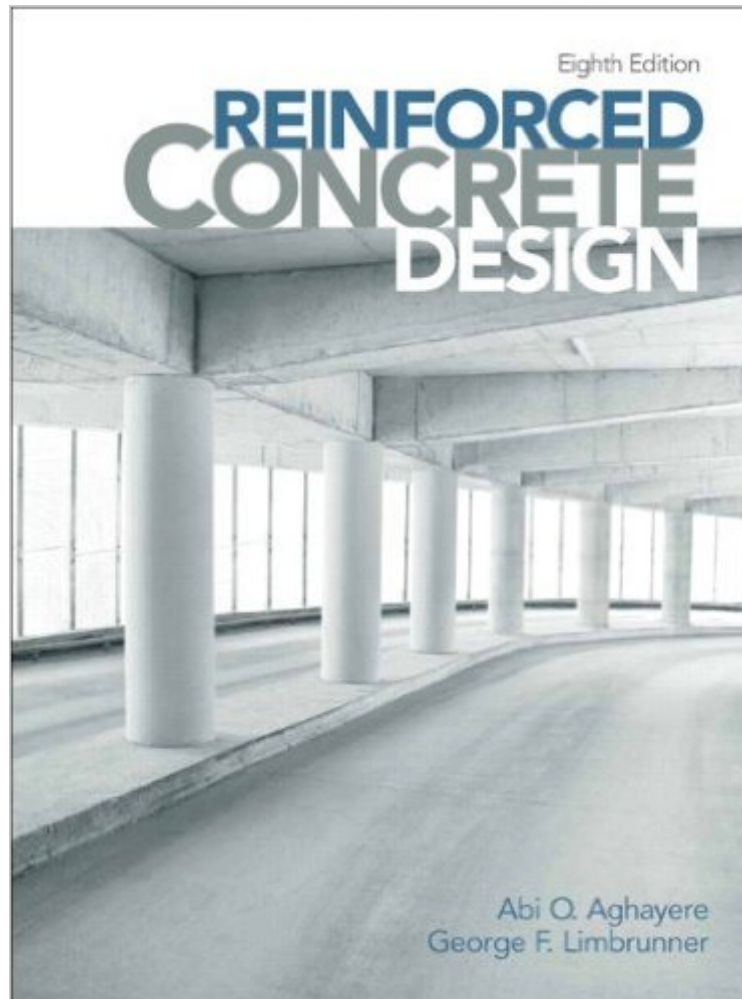


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Reinforced Concrete Design (8th Edition)



Synopsis

Reinforced Concrete Design Eighth Edition integrates current research and literature to give readers a modern understanding of the strength and behavior of reinforced concrete members and simple reinforced concrete structural systems. It takes a fundamental, non-calculus, practice-oriented approach to the design and analysis of reinforced concrete structural members, using numerous examples and a step-by-step solution format. This eighth edition is fully updated to conform to the American Concrete Institute's latest Building Code Requirements for Structural Concrete (ACI 318-11), the current U.S. design standard. A new chapter discusses practical considerations and rules of thumb for designing reinforced concrete structures, including initial sizing and layout; calculation of approximate moment and shears in concrete girders; repair methods for existing structures, and a new student design project. The text also offers conceptual insights into topics such as prestressed concrete and detailing.

Book Information

Hardcover: 312 pages

Publisher: Pearson; 8 edition (July 20, 2013)

Language: English

ISBN-10: 0132859297

ISBN-13: 978-0132859295

Product Dimensions: 8.5 x 0.6 x 10.9 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

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