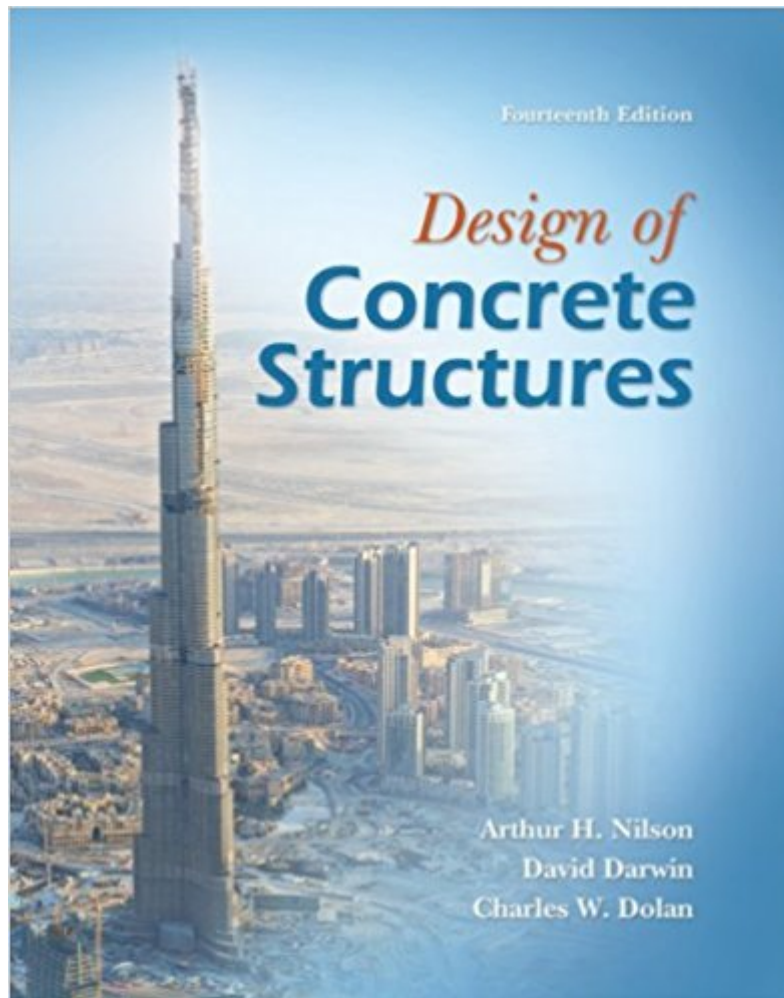# The book was found

Design Of Concrete Structures

Synopsis

The 14th edition of the classic text, Design of Concrete Structures, is completely revised using the newly released 2008 ACI (American Concrete Institute) Code. This new edition has the same dual objectives as the previous editions; first to establish a firm understanding of the behavior of structural concrete, then to develop proficiency in the methods used in current design practice. Design of Concrete Structures covers the behavior and design aspects of concrete and provides updated examples and homework problems. New material on slender columns, seismic design, anchorage using headed deformed bars, and reinforcing slabs for shear using headed studs has been added. The notation has been thouroughly updated to match changes in the ACI Code. The text also presents the basic mechanics of structural concrete and methods for the design of individual members for bending, shear, torsion, and axial force, and provides detail in the various types of structural systems applications, including an extensive presentation of slabs, footings, foundations, and retaining walls.

Book Information

Hardcover: 816 pages

Publisher: McGraw-Hill Education; 14 edition (July 10, 2009)

Language: English

ISBN-10: 0073293490

ISBN-13: 978-0073293493

Product Dimensions: 8.6 x 1.3 x 10.6 inches

Shipping Weight: 3.4 pounds

Average Customer Review: 4.2 out of 5 stars See all reviews (19 customer reviews)

Best Sellers Rank: #340,876 in Books (See Top 100 in Books) #29 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Concrete #60 in Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Masonry #292 in Books > Textbooks > Engineering > Civil Engineering

Customer Reviews

I've been using this book for more than 12 years of practice (several editions) and I found it's the best for both students and practicing engineers. One of the good things about it is that it covers the theory as well as the code provisons for practice and makes the logical connections in the shortest wy it can be done.

This book is very good for practitioners who need to look up something they have forgotten. It can be useful for beginning students, but as far as understanding concepts is concerned, MacGregor's is the best. For a beginner, Nilson's book sometimes gets too cluttered. MacGregor's book covers almost everything in Nilson's book, but with greater emphasis on conceptual understanding.

I have read 2 books for Dr. Nilson, Design of Concrete Structures and Design of Prestressed Concrete. What differentiates Dr. Nilson's books from others' is his special way of verbalising concepts. Dr. Nilson's books take readers or engineers deep into the concepts. Also, Dr. Nilson mentions the background behind the code requirements. Dr. Nilson knows how to select the proper words to explain. I adhore his style. If you want to understand concrete design, read Dr. Nilson's books.

The notable thing about this Book by Nilson, Darwin and Dolan is that it covers not only the Design of Concrete Structures but also the the behavior of various elements, an understanding of which is absolutely necessary for the design Engineer. The background of the provisions of ACI 318 code is clearly explained. The examples and homework problems may be quite useful to the students. It also covers emerging topics such as strut-and-tie models, which are useful in situations when the usual beam theories are not valid. The text also presents Earthquake detailing and the various types of structural systems applications, which are of great help to the practising engineers. Hope they will bring out the 14th edition soon, in line with ACI 318-2005.

I read this book with board members of Iranian Concrete Institute and find it useful for students and civil engineers, Arthur H Nilson write this book very friendly, I must say I found this book very interesting for both students and teachers and very good reference for study in academic classes.

I actually enjoy reading this text book. The theory is well written, and the examples and derivations are easy to follow and understand. As an Engineering student of Junior standing, I believe this is the best written text book I have ever purchased.

Good concrete textbook for college courses, and a good reference to keep in the future. Not much else to say...

Excellent book though need more examples

Design of Concrete Structures RSMeans Concrete and Masonry Cost Data 2016 (Rsmeans Concrete/Masonry Cost Data) Anatomy of Orofacial Structures - Enhanced Edition: A Comprehensive Approach, 7e (Anatomy of Orofacial Structures (Brand)) Anatomy of Orofacial Structures, 7e (Anatomy of Orofacial Structures (Brand)) Reinforced Concrete: Mechanics and Design (7th Edition) Concrete Countertops: Design, Forms, and Finishes for the New Kitchen an Design of Reinforced Concrete Design and Control of Concrete Mixtures Structural Elements for Architects and Builders: Design of Columns, Beams, and Tension Elements in Wood, Steel, and Reinforced Concrete, 2nd Edition Minimum Design Loads for Buildings and Other Structures, 3rd Printing (Standard ASCE/SEI 7-10) Bridges: Amazing Structures to Design, Build & Test (Kaleidoscope Kids) Skyscrapers!: Super Structures to Design & Build (Kaleidoscope Kids Books (Williamson Publishing)) Ruby: Programming, Master's Handbook: A TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures & Algorithms (Code like a PRO in ... web design, tech, perl, ajax, swift, python,) Java Programming: Master's Handbook: A TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures & Algorithms (Code like a PRO in ... web design, tech, perl, ajax, swift, python) Java Programming: Program Design Including Data Structures Design of Wood Structures-ASD/LRFD Seismic Design of Building Structures, 11th Ed Heroic: Concrete Architecture and the New Boston The Rose That Grew From Concrete Concrete Mixers (Pull Ahead Books) (Pull Ahead Books (Paperback))