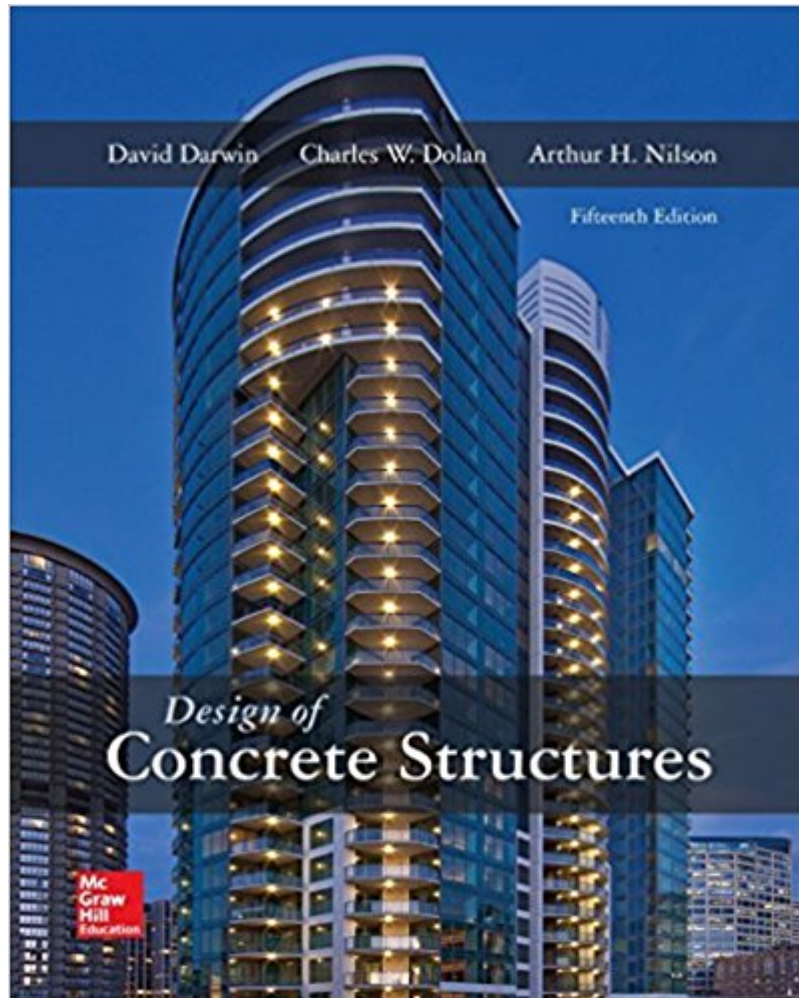




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Design Of Concrete Structures (Civil Engineering)



Synopsis

Design of Concrete Structures has been completely revised using the newly released 2014 American Concrete Institute (ACI) Building 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. Every chapter has been updated to account for the reorganization of the 2014 American Concrete Institute Building Code. A new chapter on anchoring to concrete is included, as well as a chapter on walls, doubling the coverage and adding design examples. Diaphragms are included for the first time, as well as updated coverage of seismic design. Also included in this edition is the modified compression field theory method of shear design presented in the 2012 edition of the American Association of State Highway and Transportation Officials LRFD Bridge Design Specifications.

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Customer Reviews

all updated 4/2002 Professor Emeritus - Cornell University

Excellent textbook. Great examples and very easy to follow. I'm not even planning on being a structural engineer but I really enjoyed this class and the book was a big part of it.

Very Fantastic! Delivery is too awesome! The book reached my apartment even one day before

the promised earliest day. The book is also in good condition! Thank you so much!

Excellent book

thnx

Received in good condition

Why are Chapters 23 and 24 no longer included in the textbook? They have been removed from the earlier editions of the text, and are now accessible on the book's website only. Chapter 23 contains material on the Yield Line Theory for slabs. Over my 25 years of practicing and teaching structural engineering, I have found the Yield Line Method to be an excellent design tool. Having to access the website is a major inconvenience and an awful idea from the publishers. As a consequence, I have switched to another textbook for my Concrete Design classes. I wonder what type of mentality comes up with such innovative (!) ideas.

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