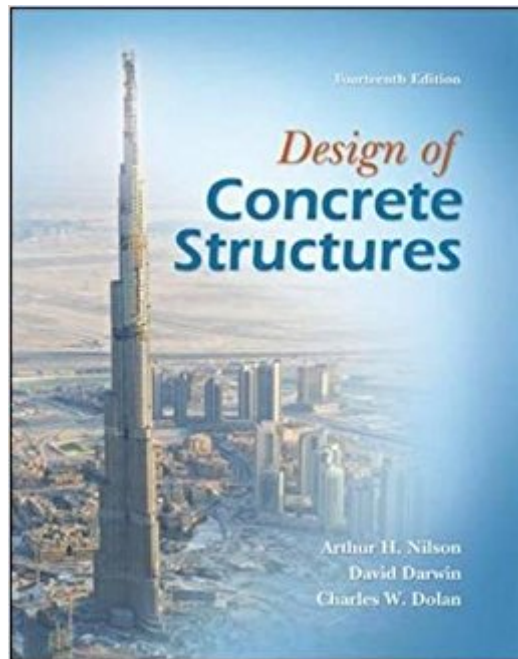




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# Design Of Concrete Structures



## 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 thoroughly 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

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## Customer Reviews

Professor Emeritus - Cornell University all updated 4/2002

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 adore his style. If you want to understand concrete design, read Dr. Nilson's books.

Love it

Good condition

Excellent book though need more examples

Good

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

Unless you absolutely need this book, don't buy it. I've been able to get along in my class by just using the ACI 318-08 and class notes. I've opened the book maybe twice in four weeks of class.

The cover is in good shape, as well as all pages. No underlines. One page is oddly shaped, warped, must be a mistake made when the book was printed in the first place. Beside that, no other defects were noticed.

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