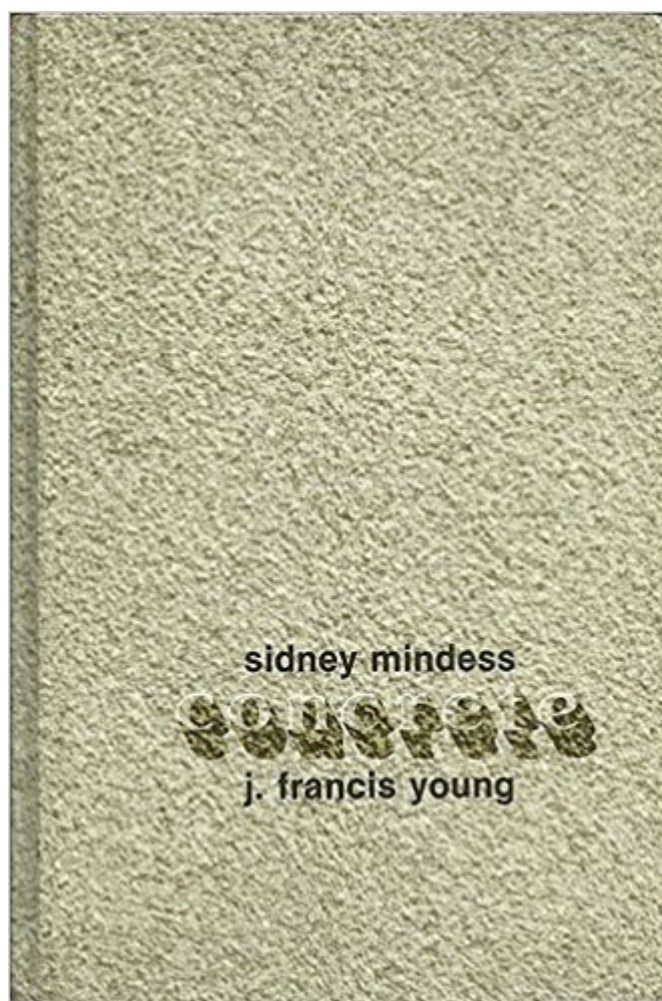


The book was found

Concrete (Prentice-Hall International Series In Civil Engineering And Engineering Mechanics)



Synopsis

For undergraduate courses in concrete construction. Intended for the second course on concrete materials. This text presents a unified view of concrete behavior in light of a body of chemical and physical principles.

Book Information

Series: Prentice-Hall International Series in Civil Engineering and Engineering Mechanics

Hardcover: 671 pages

Publisher: Prentice Hall College Div; 1st edition (February 15, 1981)

Language: English

ISBN-10: 0131671065

ISBN-13: 978-0131671065

Product Dimensions: 1.5 x 6.5 x 9.5 inches

Shipping Weight: 2 pounds

Average Customer Review: 3.1 out of 5 stars 8 customer reviews

Best Sellers Rank: #392,307 in Books (See Top 100 in Books) #33 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Concrete](#) #393 in [Books > Textbooks > Engineering > Civil Engineering](#) #2342 in [Books > Engineering & Transportation > Engineering > Civil & Environmental](#)

Customer Reviews

Concrete text with a materials science orientation. Presents a unified view of concrete behavior in light of underlying chemical and physical principles.

Much progress has been made in many areas of concrete technology since the publication of the first edition of Concrete. For those familiar with the first edition, very little has been removed, while the chapters on cements, aggregates, chemical admixtures, concrete construction practices, and durability have undergone major revision. In addition, the text now contains new, separate chapters on mineral admixtures high-strength concrete cement-polymer composites fiber-reinforced concrete As in the first edition, the authors present a unified view of concrete behavior based on basic principles. The material on workability of concrete is prefaced by a general discussion of the principle of rheology; mechanical properties are discussed from the point of view of concrete as a multiphase material; and the underlying chemistry of hydration and microstructure of hardened cement paste are emphasized. The result is a cohesive presentation of practical applications

supported by detailed background information, which serves both the undergraduate and the practicing professional engineer. --This text refers to the Paperback edition.

This book was in essentially perfect condition. It felt like it had never been opened. I bought this for a class, and I'm using it in place of edition 2. The content is mostly the same. The only issues I've run into are:- some tables are outdated as code has changed- page numbers are different in edition 2 (expected), but chapter numbers are also different.- questions at the end of chapters are USUALLY THE SAME, but a few times the numbers are different, or questions are missing. These are all easy enough issues to deal with as long as you can make occasional comparisons with the later edition. Very reasonable amount of effort in order to avoid paying for the later edition.

Solid book thus far. We'll see as the semester progresses.

This book is poorly written and utterly boring. On top of that, the binding started coming undone within the first two weeks I had it--terrible quality! So sorry for the people that, like me, are required to buy this book for college; it is certainly not worth it.

Too bad shape

This is the old edition of the book and is not used anymore. Buy the new second edition by Sidney, Mindess & Young.

This was the required book for my senior-level concrete materials class. Based on the poor reviews, I ended up buying Neville's book to keep and renting this book for the course. After comparing the two for a semester, this is by far the superior text for learning about concrete. Neville's book does have more information, but it is not as easy to access. It is a good reference work. It's good for research. But if you're trying to learn about concrete, I would not recommend Neville. Mindess and Young, however, do a great job of explaining not just the basics of concrete, but also the more advanced topics. They use clear, accessible English, and include lots of useful graphs and pictures to illustrate the topics. I'm now beginning my PhD research -- on concrete -- and I'm realizing I need this book on my shelf, right next to Neville. So, I'm on here buying a copy to keep.

This is not the finest text available on concrete. Neville's book is much better. This is pretty much

concrete-light (not to be confused with light-weight concrete.) Mindess and Young explain a few key aspects of concrete without all that much detail. If you want a basic introduction to concrete, this is fine. But if you're at the point where you're buying a book on concrete, you probably want more than the simple basics. Neville's book (aka the Concrete Bible) gives you much more information. If you're going to spend [...] on a book on concrete, spend [...] and get a better one.

This book provides a good introduction to deeper understanding of concrete. Good figures.

[Download to continue reading...](#)

Prestressed Concrete Structures/Book and Disk (Prentice-Hall International Series in Civil Engineering and Engineering Mechanics) Concrete (Prentice-Hall International Series in Civil Engineering and Engineering Mechanics) Fracture and Fatigue Control in Structures: Applications of Fracture Mechanics (Prentice-Hall International Series in Civil Engineering and Engineering Mechanics) Dynamics of Structures (5th Edition) (Prentice-Hall International Series I Civil Engineering and Engineering Mechanics) Dynamics of Structures (4th Edition) (Prentice-Hall International Series in Civil Engineering and Engineering Mechanics) Dynamics of Structures (Prentice-Hall International Series in Civil Engineering and Engineering Mechanics) Fundamentals of Network Analysis and Synthesis (Prentice-Hall electrical engineering series. Solid state physical electronics series. Prentice-Hall networks series) Reinforced Concrete: Mechanics and Design (4th Edition) (Civil Engineering and Engineering Mechanics) Advanced Mechanics of Materials and Applied Elasticity (5th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Advanced Mechanics of Materials and Applied Elasticity (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) PRENTICE HALL MATH ALGEBRA 1 STUDENT WORKBOOK 2007 (Prentice Hall Mathematics) Process Fluid Mechanics, (Prentice-Hall International Series in the Physical and Chemical Engineering Sciences) Fracture Mechanics of Concrete: Applications of Fracture Mechanics to Concrete, Rock and Other Quasi-Brittle Materials Basic Principles and Calculations in Chemical Engineering (8th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Fundamental Concepts and Computations in Chemical Engineering (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Bioprocess Engineering: Basic Concepts (3rd Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Fundamentals of Chemical Engineering Thermodynamics (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Occupational Safety Management and Engineering (Prentice Hall international series in industrial & systems engineering) Elements of

Chemical Reaction Engineering (5th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Essentials of Chemical Reaction Engineering (Prentice Hall International Series in Physical and Chemical Engineering)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)