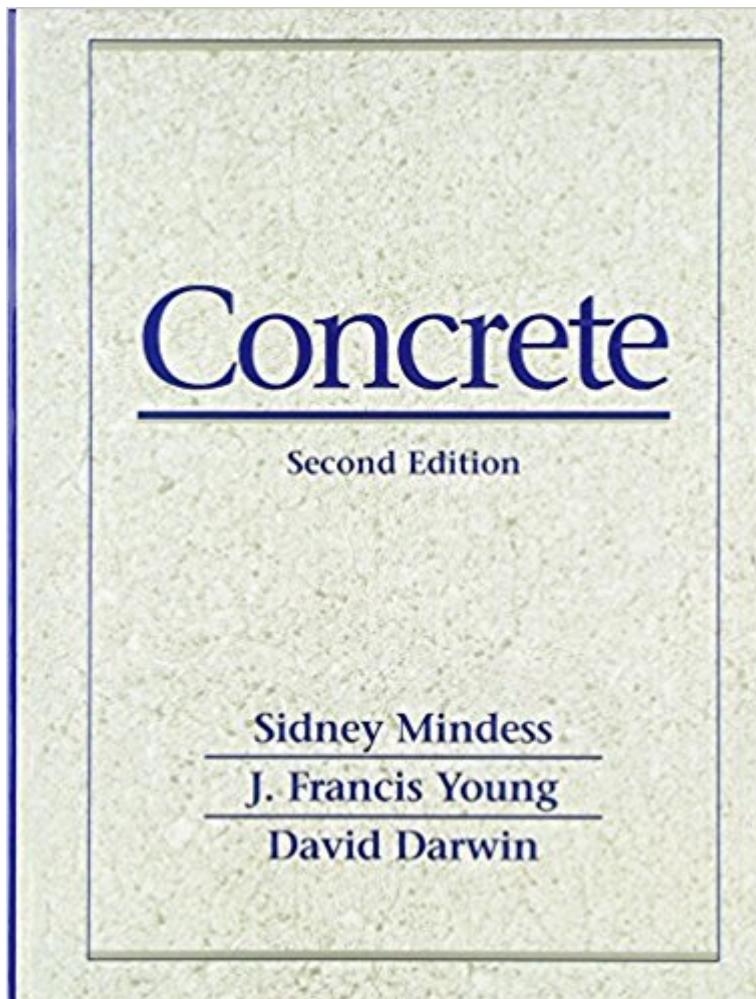


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# Concrete (2nd Edition)



## **Synopsis**

This book presents a unified view of concrete behavior in light of a body of chemical and physical principles. It provides the most up-to-date information available on new concrete materials. The most up-to-date information on new concrete materials. SI units used as primary system, keeping readers current to the unit system being adopted in the United States. Latest ASTM specifications are included. Exercises at the end of each chapter. An excellent resource for professionals in this industry.

## **Book Information**

Paperback: 644 pages

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## **Customer Reviews**

Concrete text with a materials science orientation. Presents a unified view of concrete behavior in light of underlying chemical and physical principles. --This text refers to an out of print or unavailable edition of this title.

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 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.

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