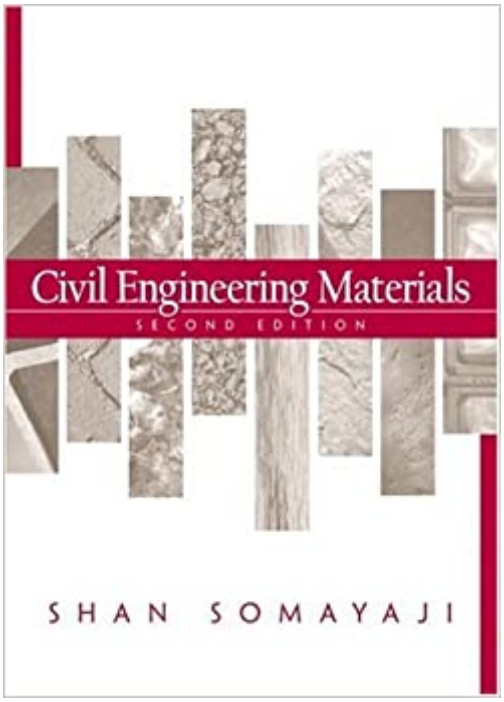
Civil Engineering Materials (2nd Edition)



Synopsis

This book deals with properties, applications and analysis of important materials of construction/civil engineering. It offers full coverage of how materials are made or obtained, their physical properties, their mechanical properties, how they are used in construction, how they are tested in the lab, and their strength characteristics--information that is essential for material selection and elementary design. Contains illustrative examples and tables and figures from professional organizations. Considers all common materials of civil engineering/construction--and looks at each in depth: e.g., physical properties, mechanical properties, code provisions, methods of testing, quality control, construction procedures, and material selection. Discusses laboratory testing procedures for selected tests--provides step-by-step descriptions of laboratory test procedures to determine properties of materials. All test procedures are based on relevant ASTM specification. For Civil Engineers, Construction Engineers, Architects, and Agricultural Engineers.

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Customer Reviews

This book deals with properties, applications and experimental analysis of important materials of construction/civil engineering. The issues of how materials are made or obtained, their physical properties, their mechanical properties, how they are used in construction, how they are tested in the lab, and their strength characteristics are all given a full coverage. --This text refers to an out of print or unavailable edition of this title.

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It’s ok. One of those books "required" by your school to purchase. Still just ok. If you want to learn engineering well you will need to look elsewhere for books. I bought a collection of engineering books from the Philippines on my visit there. No collection of engineering books has ever topped those. Those books had a least 400 practice problems fully worked out with step-by-step instructions, with an introduction paragraph summarizing each section quickly and to the point. It’s said how we have not been able to adopt those books in our universities. This book is just that - ok to get by.

great quality for the price

purchased for my son in college. very helpful

this is a good book

This book was brand new!!! It was perfect for the class I needed it for and I saved a lot of money by shopping through . Shipped pretty fast.

I have ordered several books for my son who is studying civil engineering in the university of puerto rico and the price, fast shippping and the service has been always excellent.

This book arrived in excellent and new condition, and compared to other retailers and sellers of

used versions of this book was still a big save.

This is a good book that provides a simple reference for civil engineering students. You probably need to have some previous knowledge in deformable mechanics to have a comprehensive understanding of the material. This would not be a problem except that many schools (mine in particular) require a CE materials course before taking junior level deformable bodies. Students should not be deterred by this and will have no problem understanding the bulk of the material, as long as the professors using this text are aware of this.

(Mit Series in Materials Science and Engineering) 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)