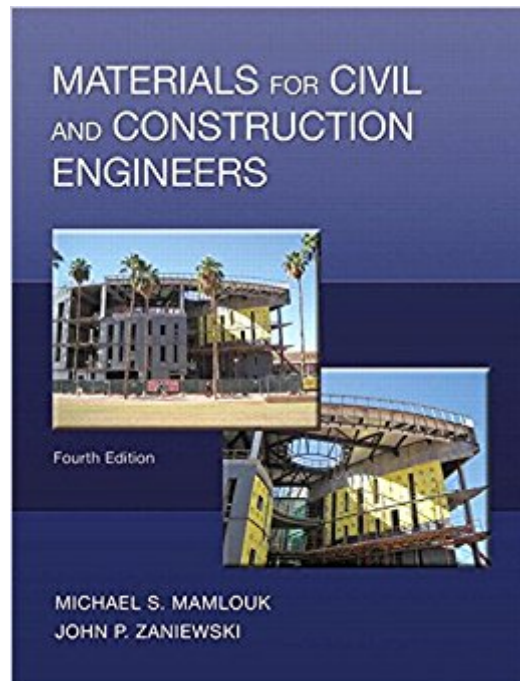




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Materials For Civil And Construction Engineers (4th Edition)



Synopsis

Civil and Construction Engineering Materials: Properties, Uses, and Evaluations Materials for Civil and Construction Engineers helps readers understand and select the materials involved in supporting the infrastructure needs of society--from buildings, to water and treatment distribution systems, to dams, highways, and airport pavements. By gaining a deep understanding of material behavior and the material selection process, readers can begin to understand how to create and maintain civil and construction engineering systems crucial to society. The primary focus of the updates presented in this fourth edition was on the sustainability of materials used in civil and construction engineering. The information on sustainability was updated and expanded to include the most recent information. In addition, sections were added describing the sustainability considerations of each material. The problem set for each chapter was updated and increased to provide some fresh exercises. References were updated and increased in all chapters to provide students with additional reading on current issues related to different materials.

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Customer Reviews

Michael S. Mamlouk is a Professor of Civil, and Environmental and Sustainable Engineering at Arizona State University. He has many years of experience in teaching courses of civil engineering materials and other related subjects at both the undergraduate and graduate levels. Dr. Mamlouk has directed many research projects and is the author of numerous publications in the fields of pavement and materials. He is a professional engineer in the state of Arizona. He Dr. Mamlouk is a

fellow of the American Society of Civil Engineers and a member of several other professional societies. John P. Zaniewski is the Asphalt Technology Professor in the Civil and Environmental Engineering Department of West Virginia University. Dr. Zaniewski earned teaching awards at both WVU and Arizona State University. In addition to materials, Dr. Zaniewski teaches graduate and undergraduate courses in pavement materials, design and management, and construction engineering and management. Dr. Zaniewski has been the principal investigator on numerous research projects for state, federal, and international sponsors. He is a member of several professional societies and has been a registered engineer in three states. He is the director of the WV Local Technology Assistance Program and has been actively involved in adult education related to highways.

Good reference book for civil engineering materials. The content is very in depth and informative. It is not the most exciting to read, but what do you expect from an engineering textbook. The book arrived brand new and quickly as stated. I have already recommended this book to several students. You cannot beat the price!

Perfect

Great

Concise and "cutting-to-the-chase". I would use those words to reflect about what I have read so far from this book. Great deal and it came in an awesome condition.

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