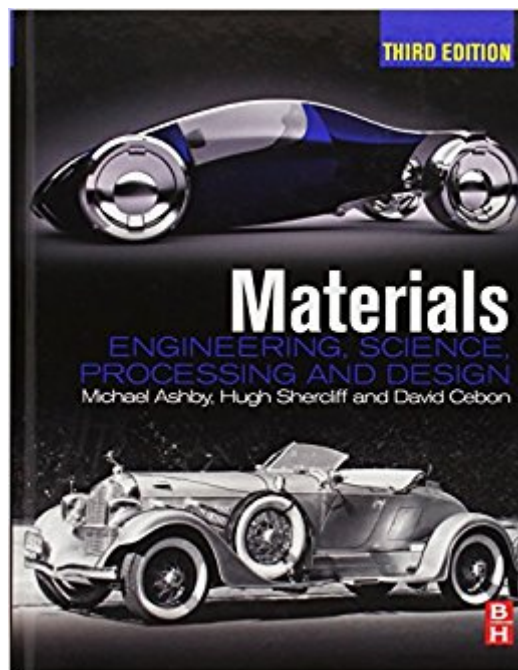




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Materials: Engineering, Science, Processing And Design (Materials 3e With Online Testing)



Synopsis

Materials: Engineering, Science, Processing and Design-winner of a 2014 Textbook Excellence Award (Texty) from The Text and Academic Authors Association-is the ultimate materials engineering text and resource for students developing skills and understanding of materials properties and selection for engineering applications. Written by world-class authors, it takes a unique design led-approach that is broader in scope than other texts, thereby meeting the curriculum needs of a wide variety of courses in the materials and design field, from introduction to materials science and engineering to engineering materials, materials selection and processing, and materials in design. This new edition retains its design-led focus and strong emphasis on visual communication while expanding its treatment of crystallography and phase diagrams and transformations to fully meet the needs of instructors teaching a first-year course in materials. The book is fully linked with the leading materials software package used in over 600 academic institutions worldwide as well as numerous government and commercial engineering departments.

Book Information

Series: Materials 3e with Online Testing

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Customer Reviews

"The 3rd edition of Materials is the essential materials engineering text and resource for students developing skills and understanding of materials properties and selection for engineering applications. Taking a unique design-led approach broader in scope than other texts, this book

meets the curriculum needs of many courses in the materials and design field..."--MaterialsToday.com, December 17, 2013

Royal Society Research Professor Emeritus at Cambridge University and Former Visiting Professor of Design at the Royal College of Art, London, UK Mike Ashby is sole or lead author of several of Elsevier's top selling engineering textbooks, including Materials and Design: The Art and Science of Material Selection in Product Design, Materials Selection in Mechanical Design, Materials and the Environment, and Materials: Engineering, Science, Processing and Design. He is also coauthor of the books Engineering Materials 1&2, and Nanomaterials, Nanotechnologies and Design. University Senior Lecturer, Engineering Department, Cambridge University, UK Professor of Mechanical Engineering, Cambridge University, UK

For the Kindle edition. I should have read the other reviews. The exercises at the end of the chapter are images, and most were small and low-quality, and unreadable. Luckily, I didn't have too many assignments out of the book (for the few I did have, I had to make a copy from the hard copy at the library). The text was readable, though, and most of the images and charts were large enough that they were also legible, even if some of them had artifacts and blurriness. The textbook itself is okay. Not the most fun read, but I referred to it and the example problems occasionally to clarify what I learned about in class.

I keep finding errors, not only orthographical but also in the calculations, very distracting and sometimes even frustrating, I wouldn't recommend it. Please fix it.

Bought the Kindle version and was unfortunately disappointed. Text was good but several images were poor quality. In some chapters the exercises was barely readable and/or missing. Fortunately the customer service was awesome and I got full refund.

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