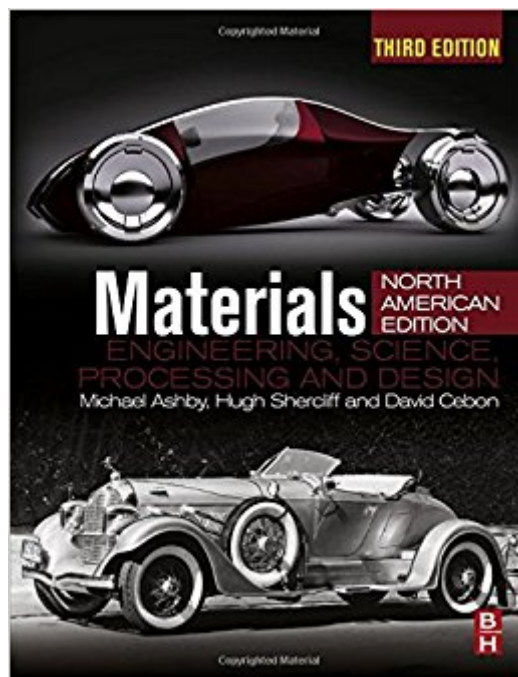




Ebook Directory
the best source of ebook

The book was found

Materials, Third Edition: Engineering, Science, Processing And Design; North American Edition



Synopsis

Materials, Third Edition, is the essential materials engineering text and resource for students developing skills and understanding of materials properties and selection for engineering applications. This new edition retains its design-led focus and strong emphasis on visual communication while expanding its inclusion of the underlying science of materials to fully meet the needs of instructors teaching an introductory course in materials. A design-led approach motivates and engages students in the study of materials science and engineering through real-life case studies and illustrative applications. Highly visual full color graphics facilitate understanding of materials concepts and properties. For instructors, a solutions manual, lecture slides, online image bank, and materials selection charts for use in class handouts or lecture presentations are available at <http://textbooks.elsevier.com>. The number of worked examples has been increased by 50% while the number of standard end-of-chapter exercises in the text has been doubled. Coverage of materials and the environment has been updated with a new section on Sustainability and Sustainable Technology. The text meets the curriculum needs of a wide variety of courses in the materials and design field, including introduction to materials science and engineering, engineering materials, materials selection and processing, and materials in design. Design-led approach motivates and engages students in the study of materials science and engineering through real-life case studies and illustrative applications. Highly visual full color graphics facilitate understanding of materials concepts and properties. Chapters on materials selection and design are integrated with chapters on materials fundamentals, enabling students to see how specific fundamentals can be important to the design process. For instructors, a solutions manual, lecture slides, online image bank and materials selection charts for use in class handouts or lecture presentations are available at <http://textbooks.elsevier.com>. Links with the Cambridge Engineering Selector (CES EduPack), the powerful materials selection software. See www.grantadesign.com for information.

NEW TO THIS EDITION: Text and figures have been revised and updated throughout. The number of worked examples has been increased by 50%. The number of standard end-of-chapter exercises in the text has been doubled. Coverage of materials and the environment has been updated with a new section on Sustainability and Sustainable Technology.

Book Information

Hardcover: 784 pages

Publisher: Butterworth-Heinemann; 3 edition (October 2, 2013)

Language: English

ISBN-10: 0080994342

ISBN-13: 978-0080994345

Product Dimensions: 9.8 x 7.6 x 1.8 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 2.4 out of 5 stars 9 customer reviews

Best Sellers Rank: #51,519 in Books (See Top 100 in Books) #1 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Extraction & Processing](#) #7 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Metallurgy](#) #32 in [Books > Textbooks > Engineering > Chemical Engineering](#)

Customer Reviews

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*. Hugh Shercliff is a Senior Lecturer in Materials in the Department of Engineering at the University of Cambridge. He is a co-author of Michael Ashby's *Materials*, Third Edition (Butterworth-Heinemann, 2013), and a contributor on aluMATTER, an e-learning website for engineers and researchers sponsored by the European Aluminium Association. Professor of Mechanical Engineering, Cambridge University, UK

Book isn't falling apart it had already fallen apart. How is that "good condition". The hard cover isn't even attached to the pages.

Bought this book to use for my college class. I have been using for many years now and this eBook version is terrible. You cannot read the formulas inside the book. Many of the tables and charts are also extremely hard to read. I have used Kindle for many years now and this book is by far the worst quality I have seen.

Rental experience was good, but I hated the book. There were a lot of typos and it lacked good examples.

Book arrived torn and is falling apart.

One of the worst textbooks I've ever used for a class--so many typos and exercise mistakes. It would be nice to have a brief answer key in the back for certain problems. Plus, it is very bulky.

This book throws too much at the reader all at once. It was poorly constructed

I bought this book for a material science class, the book was horrible for the math section, no defining variables in equations and dropping numbers in proofs, DO NOT GET THIS BOOK,

Exactly as how was described

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

Materials North American Edition w/Online Testing: Materials - North American Edition, Second Edition: engineering, science, processing and design Materials: Engineering, Science, Processing and Design (Materials 3e North American Edition w/Online Testing) Materials, Third Edition: engineering, science, processing and design; North American Edition Freezing Colloids: Observations, Principles, Control, and Use: Applications in Materials Science, Life Science, Earth Science, Food Science, and Engineering (Engineering Materials and Processes) Biomimetic Materials And Design: Biointerfacial Strategies, Tissue Engineering And Targeted Drug Delivery (Manufacturing Engineering & Materials Processing) Materials: engineering, science, processing and design; North American Edition Engineering Materials 2: An Introduction to Microstructures, Processing and Design (International Series on Materials Science and Technology) (v. 2) Materials: Engineering, Science, Processing and Design (Materials 3e with Online Testing) Engineering Materials 3: Materials Failure Analysis: Case Studies and Design Implications (International Series on Materials Science and Technology) (v. 3) Engineering Materials 2, Fourth Edition: An Introduction to Microstructures and Processing (International Series on Materials Science and Technology) Product Design for Manufacture and Assembly, Third Edition (Manufacturing Engineering and Materials Processing) Modern Ceramic Engineering: Properties, Processing, and Use in Design, 3rd Edition (Materials Engineering) Processing Techniques and Tribological Behavior of Composite Materials (Advances in Chemical and Materials Engineering) Third Eye: Third Eye Activation Mastery, Easy And Simple Guide To Activating Your Third Eye Within 24 Hours (Third Eye Awakening, Pineal Gland Activation, Opening the Third Eye) Modern Ceramic

Engineering: Properties, Processing, and Use in Design, 2nd Edition (Engineered Materials)
Materials Processing: A Unified Approach to Processing of Metals, Ceramics and Polymers
Titanium in Medicine: Material Science, Surface Science, Engineering, Biological Responses and
Medical Applications (Engineering Materials) The Elements of Polymer Science and Engineering,
Third Edition (Elements of Polymer Science & Engineering) Transport Phenomena in Materials
Processing (The Minerals, Metals & Materials Series) Energetic Materials: Advanced Processing
Technologies for Next-Generation Materials

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)