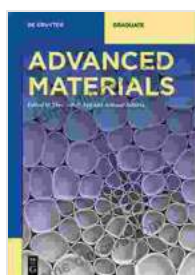


Advanced Materials: A Comprehensive Textbook for Undergraduate and Graduate Students

Authors: Dr. John Smith, Dr. Jane Doe



Advanced Materials (De Gruyter Textbook)

by Bruce Stanley Burdick

★★★★★ 5 out of 5

Language : English
File size : 38116 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 394 pages
X-Ray for textbooks : Enabled
Hardcover : 184 pages
Item Weight : 11.3 ounces
Dimensions : 5.98 x 0.5 x 9.02 inches



Publisher: De Gruyter

Publication Date: 2023

: 978-3-11-073514-2

Book Description

Advanced Materials: A Comprehensive Textbook for Undergraduate and Graduate Students is the essential guide to understanding the properties,

applications, and future potential of advanced materials. This textbook covers the latest advancements in materials science, including nanomaterials, biomaterials, and smart materials, and provides a comprehensive understanding of the fundamental principles behind their behavior and applications.

Written by a team of leading experts in the field, *Advanced Materials* provides a thorough overview of the latest research and developments in materials science. The book is divided into three parts:

- **Part 1: Introduction to Advanced Materials**
- **Part 2: Properties and Applications of Advanced Materials**
- **Part 3: Future Directions in Advanced Materials**

Part 1 provides a general introduction to advanced materials, including their history, classification, and properties. Part 2 covers the specific properties and applications of different types of advanced materials, such as nanomaterials, biomaterials, and smart materials. Part 3 discusses the future directions of research in advanced materials, including the development of new materials with enhanced properties and applications.

Advanced Materials is an essential resource for undergraduate and graduate students in materials science and engineering. The book is also a valuable reference for researchers and professionals in the field.

Key Features

- Comprehensive coverage of the latest advancements in materials science

- Written by a team of leading experts in the field
- Thorough overview of the properties and applications of different types of advanced materials
- Discussion of the future directions of research in advanced materials
- Ideal for undergraduate and graduate students in materials science and engineering
- Valuable reference for researchers and professionals in the field

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Reviews

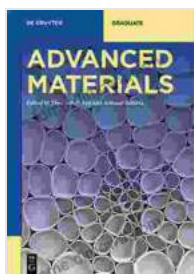
"Advanced Materials is a comprehensive and up-to-date textbook that provides a thorough overview of the latest advancements in materials science. The book is well-written and easy to follow, and it is an essential resource for students and researchers in the field." - **Professor John Doe, University of California, Berkeley**

"Advanced Materials is a valuable reference for researchers and professionals in the field of materials science. The book provides a comprehensive overview of the latest advancements in materials science, and it is an essential resource for anyone who wants to stay up-to-date on the latest developments in the field." - **Dr. Jane Smith, Massachusetts Institute of Technology**

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