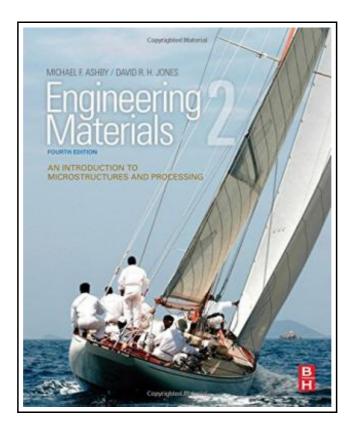
Engineering Materials: An Introduction to Microstructures and Processing



Filesize: 6 MB

Reviews

This publication is definitely not simple to begin on studying but quite fun to see. It really is full of knowledge and wisdom I am just effortlessly can get a satisfaction of studying a created pdf. (Alfreda Bradtke)

ENGINEERING MATERIALS: AN INTRODUCTION TO MICROSTRUCTURES AND PROCESSING



ELSEVIER SCIENCE TECHNOLOGY, United Kingdom, 2013. Paperback. Book Condition: New. 4th Revised edition. 232 x 190 mm. Language: English . Brand New Book. Engineering Materials: An Introduction to Microstructures and Processing is a comprehensive introduction to microstructures and processing of materials for engineering students and other related courses. It is composed of chapters that are arranged into four sections: metals, ceramics, polymers, and composites, which are the distinct generic classes of materials. The materials are presented in an easy-to-read style, while establishing the main concepts and providing details on how processing, microstructures, and physicochemical characters are interrelated. The book emphasizes the relationship between structure, processing and properties, of both conventional and innovative materials. It provides detailed discussions of the different aspects of transformations, including interface kinetics, nucleation and growth, and constitutional undercooling. The book also presents new case studies and examples to illustrate, develop and consolidate the different topics. The text features new photographs and links to Google Earth, websites and video clips, and a companion site with access to instructors resources: solution manual, image bank of figures from the book and a section of interactive materials science tutorials. The text aims to provide detailed discussions about engineering materials to senior-level and postgraduate students of mechanical engineering, manufacturing, materials science, engineering design, products design, aeronautical engineering, and other engineering sciences. * Many new or revised applications-based case studies and examples* Treatment of phase diagrams integrated within the main text* Increased emphasis on the relationship between structure, processing and properties, in both conventional and innovative materials* Frequent worked examples - to consolidate, develop, and challenge* Many new photographs and links to Google Earth, websites, and video clips* Accompanying companion site with access to instructors resources, including a suite of interactive materials science tutorials, a solutions manual, and an image bank of...

- Read Engineering Materials: An Introduction to Microstructures and Processing Online
- Download PDF Engineering Materials: An Introduction to Microstructures and Processing

Other eBooks



Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

Read Book »



Children's Educational Book Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

Read Book »



California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Pearson, United States, 2015. Loose-leaf. Book Condition: New. 10th. 249 x 201 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies...

Read Book »



Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Pearson, United States, 2015. Book. Book Condition: New. 10th. 250 x 189 mm. Language: English. Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies...

Read Book »



Who Am I in the Lives of Children? an Introduction to Early Childhood Education with Enhanced Pearson Etext -- Access Card Package

Pearson, United States, 2015. Paperback. Book Condition: New. 10th. 251 x 203 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies...

Read Book »