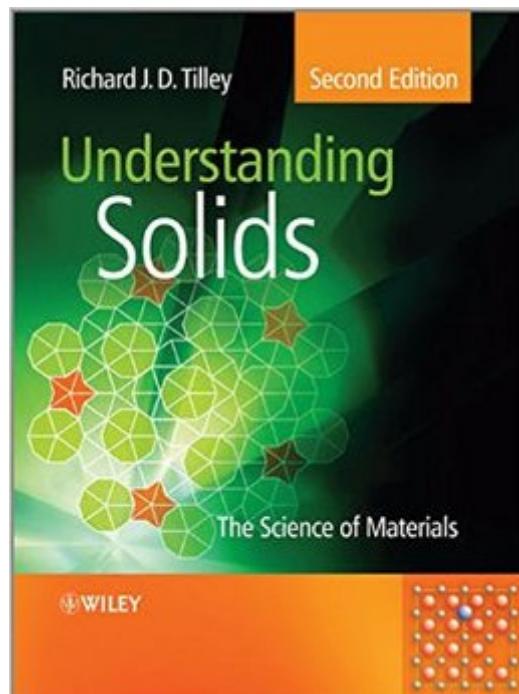


The book was found

# Understanding Solids: The Science Of Materials



## Synopsis

The second edition of a modern introduction to the chemistry and physics of solids. This textbook takes a unique integrated approach designed to appeal to both science and engineering students. Review of 1st edition *âœan extremely wide-ranging, useful book that is accessible to anyone with a firm grasp of high school scienceâœ* |this is an outstanding and affordable resource for the lifelong learner or current student. • Choice, 2005 The book provides an introduction to the chemistry and physics of solids that acts as a foundation to courses in materials science, engineering, chemistry, and physics. It is equally accessible to both engineers and scientists, through its more scientific approach, whilst still covering the material essential to engineers. This edition contains new sections on the use of computing methods to solve materials problems and has been thoroughly updated to include the many developments and advances made in the past 10 years, e.g. batteries, solar cells, lighting technology, lasers, graphene and graphene electronics, carbon nanotubes, and the Fukushima nuclear disaster. The book is carefully structured into self-contained bite-sized chapters to enhance student understanding and questions have been designed to reinforce the concepts presented. The supplementary website includes Powerpoint slides and a host of additional problems and solutions.

## Book Information

Paperback: 576 pages

Publisher: Wiley; 2 edition (May 28, 2013)

Language: English

ISBN-10: 1118423461

ISBN-13: 978-1118423462

Product Dimensions: 7.5 x 1.2 x 9.7 inches

Shipping Weight: 2.5 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ See all reviewsÂ (1 customer review)

Best Sellers Rank: #501,929 in Books (See Top 100 in Books) #121 inÂ Books > Science & Math > Physics > Solid-State Physics #691 inÂ Books > Engineering & Transportation > Engineering > Materials & Material Science #107366 inÂ Books > Textbooks

## Customer Reviews

It is good item. I like this item and I 'm satisfied. I will recommend this item to my friends.

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

Understanding Solids: The Science of Materials What Is the World Made Of?: All About Solids, Liquids, and Gases (Let's-Read-and-Find-Out Science 2) Solids, Liquids, And Gases (Rookie Read-About Science) Change It!: Solids Liquids Gases and You (Primary Physical Science) Joe-Joe the Wizard Brews Up Solids, Liquids, and Gases (In the Science Lab) What Is the World Made Of? All About Solids, Liquids, and Gases (Let's-Read-and-Find-Out Science, Stage 2) Craig's Restorative Dental Materials, 13e (Dental Materials: Properties & Manipulation (Craig)) The Chemistry of Medical and Dental Materials: RSC (RSC Materials Monographs) The Oil Painting Book: Materials and Techniques for Today's Artist (Watson-Guptill Materials and Techniques) The Oil Painting Book: Materials and Techniques for Today's Artist (Watson-Guptill Materials and Techniques) New Edition by Creevy, Bill [1999] His Dark Materials Trilogy (His Dark Materials) Explore Solids and Liquids!: With 25 Great Projects (Explore Your World) The Wholesome Baby Food Guide: Over 150 Easy, Delicious, and Healthy Recipes from Purees to Solids Thermal Properties of Solids at Room and Cryogenic Temperatures (International Cryogenics Monograph Series) The Pediatrician's Guide to Feeding Babies and Toddlers: Practical Answers To Your Questions on Nutrition, Starting Solids, Allergies, Picky Eating, and More (For Parents, By Parents) An Introduction to the Properties of Fluids and Solids Anelastic Relaxation in Crystalline Solids Electron Correlations in Molecules and Solids (Springer Series in Solid-State Sciences) Exploring Pyramids Around the World: Making Models of Geometric Solids (Powermath) Introduction to Quantum Mechanics: in Chemistry, Materials Science, and Biology (Complementary Science)

[Dmca](#)