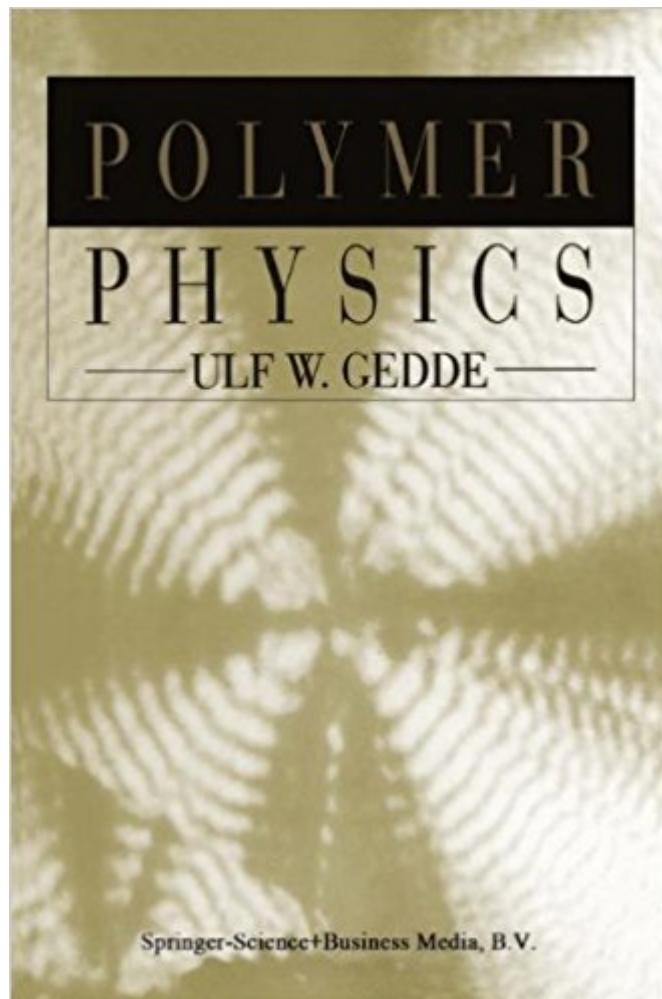


The book was found

# Polymer Physics



## Synopsis

This book is the result of my teaching efforts during the last ten years at the Royal Institute of Technology. The purpose is to present the subject of polymer physics for undergraduate and graduate students, to focus the fundamental aspects of the subject and to show the link between experiments and theory. The intention is not to present a compilation of the currently available literature on the subject. Very few reference citations have thus been made. Each chapter has essentially the same structure: starting with an introduction, continuing with the actual subject, summarizing the chapter in 300-500 words, and finally presenting problems and a list of relevant references for the reader. The solutions to the problems presented in Chapters 1-12 are given in Chapter 13. The theme of the book is essentially polymer science, with the exclusion of that part dealing directly with chemical reactions. The fundamentals in polymer science, including some basic polymer chemistry, are presented as an introduction in the first chapter. The next eight chapters deal with different phenomena (processes) and states of polymers. The last three chapters were written with the intention of making the reader think practically about polymer physics. How can a certain type of problem be solved? What kinds of experiment should be conducted? This book would never have been written without the help of my friend and adviser, Dr Anthony Bristow, who has spent many hours reading through the manuscript, criticizing the content.

## Book Information

Paperback: 298 pages

Publisher: Springer; 1999 edition (May 31, 1995)

Language: English

ISBN-10: 0412626403

ISBN-13: 978-0412626401

Product Dimensions: 7 x 0.7 x 10 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars 2 customer reviews

Best Sellers Rank: #917,425 in Books (See Top 100 in Books) #13 in Books > Science & Math > Chemistry > Chemical Physics #72 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Testing #225 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Polymers & Textiles

## Customer Reviews

...an excellent book, well written, authoritative, clear and concise, and copiously illustrated with

appropriate line drawings, graphs and tables. The two column format makes the text easy to follow, and the wider than normal pages mean that, even in paperback form, the book stays open on the desk-a highly desirable feature in a textbook. It is intended for undergraduates and postgraduates studying polymer science and technology; combined with a good textbook on polymer chemistry, and perhaps also one on polymer processing, it will serve such students very well. - Polymer International

This is the only book available in the market on Polymer Physics. I will highly recommend this for those who wants to sharpen their fundamentals.

Great Summry of polymer physics. The best one that I have seen

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

Polymer Clay: The Ultimate Beginners Guide to Creating Animals in 30 Minutes or Less! (Polymer Clay - Polymer Clay for Beginners - Clay - Polyer Clay Animals - Polymer Clay Jewelry - Sculpture) Cute Polymer Clay Popsicles & Ice Cream: Polymer Clay Kawaii Food Charms (Polymer Clay Kawaii Charms Book 1) The Elements of Polymer Science and Engineering, Third Edition (Elements of Polymer Science & Engineering) Elements of Polymer Science & Engineering, Second Edition: An Introductory Text and Reference for Engineers and Chemists (The Elements of Polymer Science and Engineering) Polymer clay: All the basic and advanced techniques you need to create with polymer clay SCULPTING THE EASY WAY IN POLYMER CLAY FOR BEGINNERS 2: How to sculpt a fairy head in Polymer clay (Sculpting the easy way for beginners) Polymer animal clay : Learning how to create life like animals out of polymer clay The Encyclopedia of Polymer Clay Techniques: A Comprehensive Directory of Polymer Clay Techniques Covering a Panoramic Range of Exciting Applications Polymer clay: All the basic and advanced techniques you need to create with polymer clay. (Volume 1) Polymer Synthesis, Second Edition: Volume 1 (Polymer Syntheses) Methods of X-ray and Neutron Scattering in Polymer Science (Topics in Polymer Science) Functional Polymer Coatings: Principles, Methods, and Applications (Wiley Series on Polymer Engineering and Technology) The Elements of Polymer Science and Engineering (Elements of Polymer Science & Engineering) The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Head First Physics: A learner's companion to mechanics and practical physics (AP Physics B - Advanced Placement) Physics for Scientists and Engineers with Modern Physics: Volume II (3rd Edition) (Physics for Scientists & Engineers) Physics for Kids : Electricity and Magnetism - Physics 7th

Grade | Children's Physics Books Six Ideas that Shaped Physics: Unit N - Laws of Physics are Universal (WCB Physics) Quantum Electrodynamics: Gribov Lectures on Theoretical Physics (Cambridge Monographs on Particle Physics, Nuclear Physics and Cosmology) Six Ideas That Shaped Physics: Unit R - Laws of Physics are Frame-Independent (WCB Physics)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)