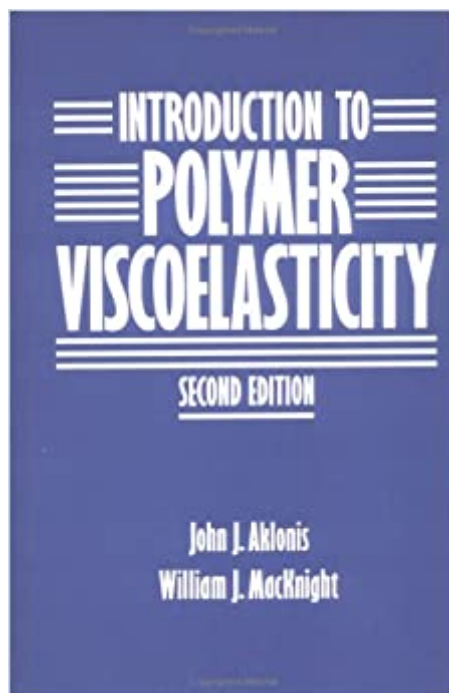


The book was found

Introduction To Polymer Viscoelasticity



Synopsis

A molecular approach to the fundamentals of viscoelastic behavior in polymers, bridging the gap between introductory accounts and advanced research level monographs. This second edition includes new coverage of the theory of reptation, the kinetic theory of rubber elasticity, and an entirely new chapter on dielectric relaxation. Presents all derivations in detail, and treats concepts and models paying special attention to assumptions, simplifications and limitations. Provides problems at the end of each chapter.

Book Information

Hardcover: 320 pages

Publisher: Wiley; 2 edition (April 1983)

Language: English

ISBN-10: 0471867292

ISBN-13: 978-0471867296

Product Dimensions: 6.4 x 0.8 x 9.4 inches

Shipping Weight: 1.4 pounds

Average Customer Review: 4.0 out of 5 stars 1 customer review

Best Sellers Rank: #3,785,969 in Books (See Top 100 in Books) #82 in [Books > Science & Math > Chemistry > Polymers & Macromolecules](#) #4299 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Materials Science](#) #4922 in [Books > Engineering & Transportation > Engineering > Chemical](#)

Customer Reviews

"The book will provide the reader with a very good understanding of viscoelastic behavior on a molecular scale and details the latest techniques..." (IEEE Electrical Insulation Magazine, July/August 2006) "The book is clear written and is appropriate for students in introductory undergraduate courses and for others wanting introduction to the fundamentals of the subject." (CHOICE, December 2005) "This book is invariably well written, logically organized and easy to follow...I highly recommend this book to anyone studying polymer viscoelasticity." (Polymer News, December 2005) --This text refers to an out of print or unavailable edition of this title.

A revised molecular approach to a classic on viscoelastic behavior Because viscoelasticity affects the properties, appearance, processing, and performance of polymers such as rubber, plastic, and adhesives, a proper utilization of such polymers requires a clear understanding of viscoelastic

behavior. Now in its third edition, *Introduction to Polymer Viscoelasticity* remains a classic in the literature of molecular viscoelasticity, bridging the gap between primers on polymer science and advanced research-level monographs. Assuming a molecular, rather than a mechanical approach, the text provides a strong grounding in the fundamental concepts, detailed derivations, and particular attention to assumptions, simplifications, and limitations. This Third Edition has been entirely revised and updated to reflect recent developments in the field. New chapters include: Phenomenological Treatment of Viscoelasticity Viscoelastic Models Time-Temperature Correspondence Transitions and Relaxation in Polymers Elasticity of Rubbery Networks Dielectric and NMR Methods With detailed explanations, corresponding equations, and experimental methods, supported by real-life applications (as well as the inclusion of a CD-ROM with data to support the exercises), this Third Edition provides today's students and professionals with the tools they need to create polymers with more desirable qualities than ever. --This text refers to an out of print or unavailable edition of this title.

my husband think it is amazing , as the price. I was blown away by how sharp this product is. It cut throw my very soft loaf of Italian without a single tear. I hesitated before I bought it because of another review who said it wasn't sharp enough, but mine is outstanding. with the best service . delivery on time receive it next day ,

[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 - Polymer Clay Animals - Polymer Clay Jewelry - Sculpture)
Polymer Engineering Science and Viscoelasticity: An Introduction Introduction to Polymer Viscoelasticity, 3rd Edition Introduction to Polymer Viscoelasticity 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) Introduction to Polymer Science and Chemistry: A Problem-Solving Approach, Second Edition Polymer Chemistry: An Introduction Introduction to Physical Polymer Science Introduction to Polymer Chemistry, Third Edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)