

The book was found

Introduction To Macromolecular Science



Synopsis

Introduction to Macromolecular Science provides a broad introduction to polymer science, including polymer structure, techniques for synthesis, properties in solution, and the technology of polymeric materials. This revised Second Edition presents up-to-date information on the newest aspects of polymer science, as well as expanded, comprehensive treatments of foundational techniques and theories. Additionally, each chapter concludes with a list of references for further research, a set of review questions, and a list of theoretical derivations and numerical problems. Other new features of this edition include: Coverage of recent synthetic procedures for polymers, such as living radical and cationic polymerizations, group transfer polymerization, polymerizations using metallocene and metathesis catalysts, and syntheses leading to dendrimers Expanded material on separation techniques and the technological facets of polymer processing An introduction to the techniques used for studying the structure of nucleic acids Techniques for studying polymer surfaces and polymeric membranes Topics such as polymer nomenclature, liquid crystalline polymers, and block copolymer micelles Introduction to Macromolecular Science, Second Edition is an essential volume for students and scholars of chemistry and chemical engineering, as well as polymer researchers, chemists, and chemical engineers in government and industry.

Book Information

Hardcover: 632 pages

Publisher: Wiley-Interscience; 2 edition (March 5, 2002)

Language: English

ISBN-10: 0471417165

ISBN-13: 978-0471417163

Product Dimensions: 6.4 x 1.4 x 9.2 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,064,731 in Books (See Top 100 in Books) #96 in Books > Science & Math > Chemistry > Polymers & Macromolecules #2863 in Books > Science & Math > Chemistry > Organic #2973 in Books > Textbooks > Engineering > Chemical Engineering

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

Introduction to Macromolecular Science Investing Polymer Science: Staudinger, Carothers, and the Emergence of Macromolecular Chemistry (Chemical Sciences in Society Series) Crystallography Made Crystal Clear, Third Edition: A Guide for Users of Macromolecular Models (Complementary

Science) Conformational Theory of Large Molecules: The Rotational Isomeric State Model in Macromolecular Systems Macromolecular Design of Polymeric Materials (Plastics Engineering) Three-Dimensional Electron Microscopy of Macromolecular Assemblies: Visualization of Biological Molecules in Their Native State Forensic Science: An Introduction to Scientific and Investigative Techniques, Third Edition (Forensic Science: An Introduction to Scientific & Investigative Techniques) The Science Fiction Hall of Fame, Volume Two B: The Greatest Science Fiction Novellas of All Time Chosen by the Members of the Science Fiction Writers of America (SF Hall of Fame) The Science Explorer: The Best Family Activities and Experiments from the World's Favorite Hands-On Science Museum (Exploratorium Science-At-Home Book) Exploring Science Through Science Fiction (Science and Fiction) Introduction to Modern Colloid Science (Oxford Science Publications) Science for the Curious Photographer: An Introduction to the Science of Photography 3D Printed Science Projects: Ideas for your classroom, science fair or home (Technology in Action) Foundations of Computer Science: C Edition (Principles of Computer Science Series) Methods of Soil Analysis. Part 2. Microbiological and Biochemical Properties (Soil Science Society of America Book, No 5) (Soil Science Society of America Book Series) Face Image Analysis by Unsupervised Learning (The Kluwer International Series in Engineering and Computer Science, Volume 612) (The Springer International Series in Engineering and Computer Science) Naked Eggs and Flying Potatoes: Unforgettable Experiments That Make Science Fun (Steve Spangler Science) The Science of Science Policy: A Handbook (Innovation and Technology in the World E) Science and Technology in the Global Cold War (Transformations: Studies in the History of Science and Technology) The Tao of Tai Chi: The Making of a New Science: One man's amazing 55 year journey from an angel in Kansas to a Taoist Temple in Hong Kong, which ... the world's largest institutions of science.

[Dmca](#)