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DUDLEY KARLEE

The Ashgate Research Companion to Thomas Lovell Beddoes
Psychology Press

The Chemistry of Polymers, fourth edition, is a fully updated new edition of the well established and highly readable introductory text book on polymer science, ideal for those requiring a broad overview of the subject.

Introduction to Polymer Science and Chemistry Springer

*** WINNER OF THE 2019 CUNDILL HISTORY PRIZE SHORTLISTED FOR THE BAILLIE GIFFORD PRIZE FOR NON-FICTION 2019 SHORTLISTED FOR THE NAYEF AL-RODHAN PRIZE FOR GLOBAL UNDERSTANDING SHORTLISTED FOR DEUTSCHER PRIZE LONGLISTED FOR THE 2020 ORWELL PRIZE FOR POLITICAL WRITING*** 'Revelatory and instructive... [a] beautifully written and accessible book' The Times For decades, the West has dismissed Maoism as an outdated historical and political phenomenon. Since the 1980s, China seems to have abandoned the utopian turmoil of Mao's revolution in favour of authoritarian capitalism. But Mao and his ideas remain central to the People's Republic and the legitimacy of its Communist government. With disagreements and conflicts between China and the West on the rise, the need to understand the political legacy of Mao is urgent and growing. The power and appeal of Maoism have extended far beyond China. Maoism was a crucial motor of the Cold War: it shaped the course of the Vietnam War (and the international youth rebellions that conflict triggered) and brought to power the murderous Khmer Rouge in Cambodia; it aided, and sometimes handed victory to, anti-colonial resistance movements in Africa; it inspired terrorism in Germany and Italy, and wars and insurgencies in Peru, India and Nepal, some of which are still with us today - more than forty years after the death of Mao. In this new history, Julia Lovell re-evaluates Maoism as both a Chinese and an international force, linking its evolution in China with its global legacy. It is a story that takes us from the tea plantations of north India to the sierras of the Andes, from Paris's fifth arrondissement to the fields of Tanzania, from the rice paddies of Cambodia to the terraces of Brixton. Starting with the birth of Mao's revolution in northwest China in the 1930s and concluding with its violent afterlives in South Asia and resurgence in the People's Republic today, this is a landmark history of global Maoism.

Improving the Science, Changing the Culture Henry Holt and Company

The new edition of a classic text and reference The large chains of molecules known as polymers are currently used in everything from "wash and wear" clothing to rubber tires to protective enamels and paints. Yet the practical applications of polymers are only increasing; innovations in polymer chemistry constantly bring both improved and entirely new uses for polymers onto the

technological playing field. Principles of Polymerization, Fourth Edition presents the classic text on polymer synthesis, fully updated to reflect today's state of the art. New and expanded coverage in the Fourth Edition includes: * Metallocene and post-metallocene polymerization catalysts * Living polymerizations (radical, cationic, anionic) * Dendrimer, hyperbranched, brush, and other polymer architectures and assemblies * Graft and block copolymers * High-temperature polymers * Inorganic and organometallic polymers * Conducting polymers * Ring-opening polymerization * In vivo and in vitro polymerization Appropriate for both novice and advanced students as well as professionals, this comprehensive yet accessible resource enables the reader to achieve an advanced, up-to-date understanding of polymer synthesis. Different methods of polymerization, reaction parameters for synthesis, molecular weight, branching and crosslinking, and the chemical and physical structure of polymers all receive ample coverage. A thorough discussion at the elementary level prefaces each topic, with a more advanced treatment following. Yet the language throughout remains straightforward and geared towards the student. Extensively updated, Principles of Polymerization, Fourth Edition provides an excellent textbook for today's students of polymer chemistry, chemical engineering, and materials science, as well as a current reference for the researcher or other practitioner working in these areas.

Polymer Chemistry Vintage

Introduction to Polymers, Second Edition discusses the synthesis, characterization, structure, and mechanical properties of polymers in a single text, giving approximately equal emphasis to each of these major topics. It has thus been possible to show the interrelationship of the different aspects of the subject in a coherent framework. The book has been written to be self-contained, with most equations fully derived and critically discussed. It is supported by a large number of diagrams and micrographs and is fully referenced for more advanced reading. Problems have been supplied at the end of each chapter so that students can test their understanding and practice the manipulation of data.

Apollo 8 Verdant Press

Thoroughly updated, Introduction to Polymers, Third Edition presents the science underpinning the synthesis, characterization and properties of polymers. The material has been completely reorganized and expanded to include important new topics and provide a coherent platform for teaching and learning the fundamental aspects of contemporary polymer

Polymer Chemistry Routledge

Polymer Physics provides an introduction to the field for upper level undergraduates and first year graduate students. Any student with a working knowledge of calculus, physics and chemistry should be able to read this book. The essential tools of the polymer physical chemist or engineer are derived in this book without skipping any steps.

Introduction to Polymers Cornell University Press

This Third Edition of the classic, best-selling polymer science textbook surveys theory and practice of all major phases of polymer science, engineering, and technology, including polymerization, solution theory, fractionation and molecular-weight measurement, solid-state properties, structure-property relationships, and the preparation, fabrication and properties of commercially-important plastics, fibers, and elastomers.

The Transgender Craze Seducing Our Daughters John Wiley & Sons

This comprehensive textbook describes the synthesis, characterization and technical and engineering applications of polymers. Offering a broad and balanced introduction to the basic concepts of macromolecular chemistry and to the synthesis and physical chemistry of polymers, it is the ideal text for graduate students and advanced Masters students starting out in polymer science. Building on the basic principles of organic chemistry and thermodynamics, it provides an easily understandable and highly accessible introduction to the topic. Step by step, readers will obtain a detailed and well-founded understanding of this vibrant and increasingly important subject area at the intersection between chemistry, physics, engineering and the life sciences. Following an approach different from many other textbooks in the field, the authors, with their varying backgrounds (both from academia and industry), offer a new perspective. Starting with a clear and didactic introduction, the book discusses basic terms and sizes and shapes of polymers and macromolecules. There then follow chapters dedicated to polymers in solutions, molar mass determination, and polymers in the solid state, incl. (partially) crystalline or amorphous polymers as well as their application as engineering materials. Based on this information, the authors explain the most important polymerization methods and techniques. Often neglected in other textbooks, there are chapters on technical polymers, functional polymers, elastomers and liquid crystalline polymers, as well as polymers and the environment. An overview of current trends serves to generate further interest in present and future developments in the field. This book is the English translation of the successful German textbook "Polymere", which was awarded the Chemical Industry in Germany's 2015 literature Prize ("Literaturpreis des Fonds der Chemischen Industrie") for its innovative, novel approach, and its good accessibility and readability, while at the same time providing comprehensive coverage of the field of polymer science.

Introduction to Polymers Routledge

This book deals with the organic chemistry of polymers which find technological use as adhesives, fibres, paints, plastics and rubbers. For the most part, only polymers which are of commercial significance are considered and the primary aim of the book is to relate theoretical aspects to industrial practice. The book is mainly intended for use by students in technical institutions and universities who are specializing in polymer science and by graduates who require an introduction to this field. Several excellent books have recently appeared dealing with the physical chemistry of polymers but the organic chemistry of polymers has not received so much attention. In recognition of this situation and because the two aspects of polymer chemistry are often taught separately, this book deals specifically with organic chemistry and topics of physical chemistry have been omitted. Also, in this way the book has been kept to a reasonable size. This is not to say that integration of the two areas of polymer science is undesirable; on the contrary, it is of the utmost importance that the inter-relationship should be appreciated. I wish to record my thanks to my colleagues with whom I have had many helpful discussions, particularly Mrs S. L.

Radchenko. I also thank Miss E. Friesen for obtaining many books and articles on my behalf and Mr H. Harms for encouragement and assistance. I am also grateful to Mrs M. Stevens who skilfully prepared the manuscript. Department of Chemical and Metallurgical Technology, Ryerson Polytechnical Institute, K. J. S. *Developer's Handbook* John Wiley & Sons

A "gripping, colorful" history of China's Great Wall that explores the conquests and cataclysms of the empire from 1000 BC to the present day (Publishers Weekly). Over two thousand years old, the Great Wall of China is a symbolic and physical dividing line between the civilized Chinese and the "barbarians" at their borders. Historian Julia Lovell looks behind the intimidating fortification and its mythology to uncover a complex history far more fragmented and less illustrious than its crowds of visitors imagine today. Lovell's story winds through the lives of the millions of individuals who built and attacked it, and recounts how succeeding dynasties built sections of the wall as defenses against the invading Huns, Mongols, and Turks, and how the Ming dynasty, in its quest to create an empire, joined the regional ramparts to make what the Chinese call the "10,000 Li" or the "long wall." An epic that reveals the true history of a nation, *The Great Wall* is "a supremely inviting entrée to the country" and essential reading for anyone who wants to understand China's past, present, and future (Booklist).

Vivian's List Farrar, Straus and Giroux

This high school textbook introduces polymer science basics, properties, and uses. It starts with a broad overview of synthetic and natural polymers and then covers synthesis and preparation, processing methods, and demonstrations and experiments. The history of polymers is discussed alongside the s

Introduction to Polymers, Second Edition National Academies Press

"Principles of Polymer Science introduces several basic and advanced aspects of polymers for the undergraduate and graduate students in chemistry, chemical engineering and materials science. The second and thoroughly revised edition includes the technical aspects of synthesis, characterization, behaviour and technology in a straightforward and lucid manner. Separate chapters on natural, inorganic and specialty polymers would attract readers from interdisciplinary courses."--BOOK JACKET.

OUP Oxford

Introduction to Polymers, Third Edition CRC Press

An Introduction to the Organic Chemistry of Adhesives, Fibres, Paints, Plastics, and Rubbers The Passionate Pen

NEW YORK TIMES and USA TODAY Bestseller A Contemporary Romance packed with Heat and Heart. "One of my best reads of 2013."-- Inside The Pages of a Book "If you want a book that touches your heart in all the right places read, look no further!"-- Fab, Fun and Tantalizing Reads Her brother's best friend. A list. A love story. After ending a horrible, scarring relationship, Vivian embraces her freedom by making a sexual bucket list. When her brother's best friend, Liam, finds it, sparks fly and hearts open. Can Vivian heal one steamy encounter at a time? ** This is book 1 in a two-part series. What reviewers are saying about Vivian's List: "Vivian's List stands out from the crowd." --Book Angel Booktopia "A breath of fresh air." --Good Choice Reading "Wow! This will raise your expectations from other authors. Liam gives Viv what every woman deserves, Haleigh Lovell gives us fans what we crave." --Georgia CG "Absolutely fantastic read. I love friends to lovers stories and this one was perfect.!" --I Am a Book Addict and Proud of It "Those looking for a read with surprising depth and steamy interludes will find exactly that in this book. The thoroughly likable characters, strong emotional connection, and intriguing dual point of view make for an engaging and

compelling read." --Words of Wisdom from a SP "Smoking! Buy it! Read it! Love it!" --A is for Alpha B is for Books "A great love story!" --VO POV "One of my top 10 favorite reads of 2013." --Kaidan's Seduction "One of my best reads of 2013." --Inside the Pages of a Book "Love it! I wasn't expecting a beautiful story with characters I fell in love with." --B. Nice

Romola CRC Press

Award Winner! For twenty-five years, the trusted family doctor in a small Wyoming town had been raping and molesting the women and children who most relied on him. Mostly Mormons, the naive victims sometimes realized on their wedding nights the truth about what had happened in Dr. Story's office. In riveting detail, veteran crime writer Jack Olsen tells the searing story of a small group of courageous women who decided to bring a doctor to justice — and unearthed a legacy of pain and anger that would divide their families, their neighbors, and an entire town
Publishers Weekly: This masterful book by the author of *Son*, as much a searching sociological study as a true-crime narrative, tells what happened in Lovell when these happenings came to light: the community lost its bearings and the doctor was convicted of rape. Kirkus: From popular true-crime veteran Olsen (*Son*; *Cold Kill*; etc.), the widely publicized case that tore a small Wyoming town apart when the local doctor was accused, then convicted, of raping patients under the guise of giving them pelvic examinations. Lowell, Wyoming, was a town divided largely along religious lines: a Mormon majority and a Baptist minority. When Dr. John Story arrived to start up a practice, he found a warm welcome: a doctor was needed and, though he was a Baptist, his strict habits (which led him to start his own, more fundamentalist church) won the respect of Mormons who flocked to him as patients. But in 1983, after years of suspicions they had tried to dismiss, two sisters came forward with accusations of rape, inspiring dozens of other women (some elderly) to at last speak up. Some victims had been silent because of the Mormon code that seemed to hold women responsible for any extramarital sex; others had taken their case to the police (and not been believed), to Church leaders (who told them to switch doctors), and to the medical association (which did nothing). The 1983 accusers were vilified by the town (even by many Mormons, some grateful for Story's medical care, others sensitive to his claim that the case was a Mormon conspiracy); some lost their jobs and businesses, but Story was eventually convicted and is now doing 15-20 years. Engrossing true drama--and a more balanced than usual picture of Mormon life and values. The award-winning author of thirty-three books, Jack Olsen's books have published in fifteen countries and eleven languages. Olsen's journalism earned the National Headliners Award, Chicago Newspaper Guild's Page One Award, commendations from Columbia and Indiana Universities, the Washington State Governor's Award, the Scripps-Howard Award and other honors. He was listed in *Who's Who in America* since 1968 and in *Who's Who in the World* since 1987. The *Philadelphia Inquirer* described him as "an American treasure." Olsen was described as "the dean of true crime authors" by the *Washington Post* and the *New York Daily News* and "the master of true crime" by the *Detroit Free Press* and *Newsday*. *Publishers Weekly* called him "the best true crime writer around." His studies of crime are required reading in university criminology courses and have been cited in the *New York Times* Notable Books of the Year. In a page-one review, the *Times* described his work as "a genuine contribution to criminology and journalism alike."

Queens Noir Introduction to Polymers, Third Edition

A well-rounded and articulate examination of polymer properties at the molecular level, *Polymer Chemistry* focuses on fundamental principles based on underlying chemical structures,

polymer synthesis, characterization, and properties. It emphasizes the logical progression of concepts and provide mathematical tools as needed as well as fully derived problems for advanced calculations. The much-anticipated Third Edition expands and reorganizes material to better develop polymer chemistry concepts and update the remaining chapters. New examples and problems are also featured throughout. This revised edition: Integrates concepts from physics, biology, materials science, chemical engineering, and statistics as needed. Contains mathematical tools and step-by-step derivations for example problems. Incorporates new theories and experiments using the latest tools and instrumentation and topics that appear prominently in current polymer science journals. *Polymer Chemistry, Third Edition* offers a logical presentation of topics that can be scaled to meet the needs of introductory as well as more advanced courses in chemistry, materials science, polymer science, and chemical engineering.

The Right Stuff John Wiley & Sons

The untold story of the historic voyage to the moon that closed out one of our darkest years with a nearly unimaginable triumph
In August 1968, NASA made a bold decision: in just sixteen weeks, the United States would launch humankind's first flight to the moon. Only the year before, three astronauts had burned to death in their spacecraft, and since then the Apollo program had suffered one setback after another. Meanwhile, the Russians were winning the space race, the Cold War was getting hotter by the month, and President Kennedy's promise to put a man on the moon by the end of the decade seemed sure to be broken. But when Frank Borman, Jim Lovell and Bill Anders were summoned to a secret meeting and told of the dangerous mission, they instantly signed on. Written with all the color and verve of the best narrative non-fiction, *Apollo 8* takes us from Mission Control to the astronaut's homes, from the test labs to the launch pad. The race to prepare an untested rocket for an unprecedented journey paves the way for the hair-raising trip to the moon. Then, on Christmas Eve, a nation that has suffered a horrendous year of assassinations and war is heartened by an inspiring message from the trio of astronauts in lunar orbit. And when the mission is over—after the first view of the far side of the moon, the first earth-rise, and the first re-entry through the earth's atmosphere following a flight to deep space—the impossible dream of walking on the moon suddenly seems within reach. The full story of *Apollo 8* has never been told, and only Jeffrey Kluger—Jim Lovell's co-author on their bestselling book about *Apollo 13*—can do it justice. Here is the tale of a mission that was both a calculated risk and a wild crapshoot, a stirring account of how three American heroes forever changed our view of the home planet.

Economics with Calculus Akashic Books

Focusing on polymers, this edition aims to explore aspects of their chemistry, structure and mechanical properties. New topics discussed include ring-opening polymerization, special methods of polymerization, dynamic light scattering, small angle X-ray and neutron scattering.

Textbook of Polymer Science Simon and Schuster

In five richly imaginative novellas and a short story, Zhu Wen depicts the violence, chaos, and dark comedy of China in the post-Mao era. A frank reflection of the seamier side of his nation's increasingly capitalist society, Zhu Wen's fiction offers an audaciously plainspoken account of the often hedonistic individualism that is feverishly taking root. Set against the mundane landscapes of contemporary China—a worn Yangtze River vessel, cheap diners, a failing factory, a for-profit hospital operating by dated socialist norms—Zhu Wen's stories zoom in on the often tragicomic minutiae of everyday life in this fast-changing country. With subjects ranging from provincial mafiosi

to nightmarish families and oppressed factory workers, his claustrophobic narratives depict a spiritually bankrupt society, periodically rocked by spasms of uncontrolled violence. For example, *I Love Dollars*, a story about casual sex in a provincial city whose caustic portrayal of numb disillusionment and cynicism, caused an immediate sensation in the Chinese literary establishment when it was first published. The novella's loose, colloquial voice and sharp focus on the indignity and iniquity of a society trapped between communism and capitalism showcase Zhu Wen's exceptional ability to make literary sense of the bizarre, ideologically confused amalgam that is contemporary China. Julia Lovell's fluent translation deftly reproduces Zhu Wen's wry sense of humor and powerful command of detail and atmosphere. The first book-length publication of Zhu Wen's fiction in English, *I Love Dollars and Other Stories of China* offers readers access to a trailblazing author and marks a major contribution to Chinese literature in English.

Summerfolk Charlesbridge Publishing

In the past decade, few subjects at the intersection of medicine and sports have generated as much public interest as sports-related concussions - especially among youth. Despite growing awareness of sports-related concussions and campaigns to educate athletes, coaches, physicians, and parents of young athletes about concussion recognition and management, confusion and controversy persist in many areas. Currently, diagnosis is based primarily on the symptoms reported by the individual rather than on objective diagnostic markers, and there is little empirical evidence for the optimal degree and duration of physical rest needed to promote recovery or the best timing and approach for returning to full physical activity. *Sports-Related Concussions in Youth: Improving the Science, Changing the*

Culture reviews the science of sports-related concussions in youth from elementary school through young adulthood, as well as in military personnel and their dependents. This report recommends actions that can be taken by a range of audiences - including research funding agencies, legislatures, state and school superintendents and athletic directors, military organizations, and equipment manufacturers, as well as youth who participate in sports and their parents - to improve what is known about concussions and to reduce their occurrence. *Sports-Related Concussions in Youth* finds that while some studies provide useful information, much remains unknown about the extent of concussions in youth; how to diagnose, manage, and prevent concussions; and the short- and long-term consequences of concussions as well as repetitive head impacts that do not result in concussion symptoms. The culture of sports negatively influences athletes' self-reporting of concussion symptoms and their adherence to return-to-play guidance. Athletes, their teammates, and, in some cases, coaches and parents may not fully appreciate the health threats posed by concussions. Similarly, military recruits are immersed in a culture that includes devotion to duty and service before self, and the critical nature of concussions may often go unheeded. According to *Sports-Related Concussions in Youth*, if the youth sports community can adopt the belief that concussions are serious injuries and emphasize care for players with concussions until they are fully recovered, then the culture in which these athletes perform and compete will become much safer. Improving understanding of the extent, causes, effects, and prevention of sports-related concussions is vitally important for the health and well-being of youth athletes. The findings and recommendations in this report set a direction for research to reach this goal.