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REMOTE COMPOSITIONAL ANALYSIS

TECHNIQUES FOR UNDERSTANDING SPECTROSCOPY, MINERALOGY, AND GEOCHEMISTRY OF PLANETARY SURFACES

Cambridge University Press Comprehensive overview of the spectroscopic, mineralogical, and geochemical techniques used in planetary remote sensing.

ROCKET PROPULSION ELEMENTS

AN INTRODUCTION TO THE ENGINEERING OF ROCKETS

CHIEF OF STAFF: PREWAR PLANS AND PREPARATIONS

CHEMICAL WARFARE AGENTS

TOXICITY AT LOW LEVELS

CRC Press Many books cover the emergency response to chemical terrorism. But what happens after the initial crisis? Chlorine, phosgene, and mustard were used in World War I. Only years after the war were the long-term effects of these gases realized. In the 60s, 70s, and 80s, these and other agents were used in localized wars. **Chemical Warfare Agents: Toxicity at Low Levels** explores the long range effects of, protection against, and remedies for chemicals used during war and the chronic problems possibly resulting from toxic exposures during the Persian Gulf War.

HANDBOOK OF BIOEQUIVALENCE TESTING

CRC Press As the generic pharmaceutical industry continues to grow and thrive, so does the need to conduct efficient and successful bioequivalence studies. In recent years, there have been significant changes to the statistical models for evaluating bioequivalence, and advances in the analytical technology used to detect drug and metabolite levels have made

AIRMOBILITY 1961-1971

Lulu.com

WASHINGTON COMMAND POST

THE OPERATIONS DIVISION

FUNDAMENTALS OF AIR POLLUTION ENGINEERING

Courier Corporation A rigorous and thorough analysis of the production of air pollutants and their control, this text is geared toward chemical and environmental engineering students. Topics include combustion, principles of aerosol behavior, theories of the removal of particulate and gaseous pollutants from effluent streams, and air pollution control strategies. 1988 edition. Reprint of the Prentice-Hall, Inc., Englewood Cliffs, New Jersey, 1988 edition.

THE GENEALOGY OF MORALS

Courier Corporation Major work on ethics, by one of the most influential thinkers of the last 2 centuries, deals with master/slave morality and modern man's moral practices; the evolution of man's feelings of guilt; and ascetic ideals.

AIR FORCE HANDBOOK 1

AIRMAN

This handbook implements AFPD 36-22, Air Force Military Training. Information in this handbook is primarily from Air Force publications and contains a compilation of policies, procedures, and standards that guide Airmen's actions within the Profession of Arms. This handbook applies to the Regular Air Force, Air Force Reserve and Air National Guard. This handbook contains the basic information Airmen need to understand the professionalism required within the Profession of Arms. Attachment 1 contains references and supporting information used in this publication. This handbook is the sole source reference for the development of study guides to support the enlisted promotion system. Enlisted Airmen will use these study guide to prepare for their Promotion Fitness Examination (PFE) or United States Air Force Supervisory Examination (USAFSE).

SAMPLE PREPARATION OF PHARMACEUTICAL DOSAGE FORMS

CHALLENGES AND STRATEGIES FOR SAMPLE PREPARATION AND EXTRACTION

Springer Science & Business Media This book is intended to serve as a resource for analysts in developing and troubleshooting sample preparation methods. These are critical activities in providing accurate and reliable data throughout the lifecycle of a drug product. This book is divided into four parts: • Part One covers dosage form and diluent properties that impact sample preparation of pharmaceutical dosage forms and the importance of sampling considerations in generating data representative of the drug product batch. • Part Two reviews specific sample preparation techniques typically used with pharmaceutical dosage forms. • Part Three discusses sample preparation method development for different types of dosage forms including addressing drug excipient interactions and post extraction considerations, as well as method validation and applying Quality by Design (QbD) principles to sample preparation methods. • Part Four examines additional topics in sample preparation including automation, investigating aberrant potency results, green chemistry considerations for sample preparation and the ideal case where no sample preparation is required for sample analysis.

DAY OF EMPIRE

HOW HYPERPOWERS RISE TO GLOBAL DOMINANCE--AND WHY THEY FALL

Anchor In this sweeping history, bestselling author Amy Chua explains how globally dominant empires—or hyperpowers—rise and why they fall. In a series of brilliant chapter-length studies, she examines the most powerful cultures in history—from the ancient empires of Persia and China to the recent global empires of England and the United States—and reveals the reasons behind their success, as well as the roots of their ultimate demise. Chua's analysis uncovers a fascinating historical pattern: while policies of tolerance and assimilation toward conquered peoples are essential for an empire to succeed, the multicultural society that results introduces new tensions and instabilities, threatening to pull the empire apart from within. What this means for the United States' uncertain future is the subject of Chua's provocative and surprising conclusion.

THE LITERARY GAZETTE AND JOURNAL OF BELLES LETTRES, ARTS, SCIENCES

THE LONDON LITERARY GAZETTE AND JOURNAL OF BELLES LETTRES, ARTS, SCIENCES, ETC

THE LITERARY GAZETTE

A WEEKLY JOURNAL OF LITERATURE, SCIENCE, AND THE FINE ARTS

CHEMICAL WARFARE AGENTS

CHEMISTRY, PHARMACOLOGY, TOXICOLOGY, AND THERAPEUTICS, SECOND EDITION

CRC Press The first edition of this book, **Chemical Warfare Agents: Toxicity at Low Levels**, was published just prior to the terrorist attacks of September 11th, 2001. Reflecting a greater sense of urgency within the field of chemical defense since this event, research related to chemical warfare agents (CWAs) continues to expand at a remarkable pace.

Chemical Warfare Agents: Pharmacology, Toxicology, and Therapeutics, Second Edition explores the latest methods and products for preventing, diagnosing, and treating the acute and chronic effects of toxic CWA exposure. This edition cites the key developments in chemical defense research since 2001, including new epidemiological or clinical studies of exposed or potentially exposed populations; new treatment concepts and products; improved organization of the national response apparatus in the U.S. addressing the potential for CWA terrorism; and improved diagnostic tests that enable rapid diagnosis and treatment. Leading researchers explain how these breakthroughs help researchers determine physiologically relevant detection thresholds and develop more effective countermeasures and national response procedures. *Chemical Warfare Agents* provides first responders and emergency medical teams with the most up-to-date information they need to prepare for and handle natural disasters, chemical spills, terrorism, and warfare situations—quickly and effectively.

SAMPLING AND ANALYSIS PROCEDURES FOR SCREENING OF INDUSTRIAL EFFLUENTS FOR PRIORITY POLLUTANTS

MEDICAL SUPPORT OF THE ARMY AIR FORCES IN WORLD WAR II

THE SCEPTICAL CHYMIST

BoD - Books on Demand **Reproduction of the original: The Sceptical Chymist by Robert Boyle**

OXYGEN-ENHANCED COMBUSTION, SECOND EDITION

CRC Press **Combustion technology has traditionally been dominated by air/fuel combustion. However, two developments have increased the significance of oxygen-enhanced combustion—new technologies that produce oxygen less expensively and the increased importance of environmental regulations. Advantages of oxygen-enhanced combustion include less pollutant emissions as well as increased energy efficiency and productivity. Oxygen-Enhanced Combustion, Second Edition compiles information about using oxygen to enhance industrial heating and melting processes. It integrates fundamental principles, applications, and equipment design in one volume, making it a unique resource for specialists implementing the use of oxygen in combustion systems. This second edition of the bestselling book has more than doubled in size. Extensively updated and expanded, it covers significant advances in the technology that have occurred since the publication of the first edition. What's New in This Edition Expanded from 11 chapters to 30, with most of the existing chapters revised A broader view of oxygen-enhanced combustion, with more than 50 contributors from over 20 organizations around the world More coverage of fundamentals, including fluid flow, heat transfer, noise, flame impingement, CFD modeling, soot formation, burner design, and burner testing New chapters on applications such as flameless combustion, steel reheating, iron production, cement production, power generation, fluidized bed combustion, chemicals and petrochemicals, and diesel engines This book offers a unified, up-to-date look at important commercialized uses of oxygen-enhanced combustion in a wide range of industries. It brings together the latest knowledge to assist those researching, engineering, and implementing combustion in power plants, engines, and other applications.**

MARIA MONTESSORI

A BIOGRAPHY

Diversion Books **The definitive biography of a physician, feminist, social reformer, educator, and one of the most influential, and controversial women of the 20th century. Maria Montessori effected a worldwide revolution in the classroom. She developed a new method of educating the young and inspired a movement that carried it into every corner of the world. This is the story of the woman behind the public figure—her accomplishments, her ideas, and her passions. Montessori broke the mold imposed on women in the nineteenth century and forged a new one, first for herself and eventually for those who came after her. Against formidable odds she became the first woman to graduate from the medical school of the University of Rome and then devoted herself to the condition of children considered uneducable at the time. She developed a teaching method that enabled them to do as well as normal children, a method which then led her to found a new kind of school—the Casa dei Bambini, or House of Children—which gained her worldwide fame and still pervades classrooms wherever young children learn. This biography is not only the story of a groundbreaking feminist but a vital chapter in the history of education. "Highly recommended for educators, parents, and moderate feminists who seek inspiration from one of the most accomplished women of this or any other age."—Publishers Weekly**

PROGRESSIVES AT WAR

WILLIAM G. MCADOO AND NEWTON D. BAKER, 1863-1941

JHU Press **Baker and McAdoo, in league with Wilson, offer Craig the opportunity to deliver a fresh and insightful study of the period, its major issues, and some of its leading figures.**

THE ORDNANCE DEPARTMENT

PLANNING MUNITIONS FOR WAR

CreateSpace **The U.S. Army fought World War II with materiel much of which was developed in the decade prior to our entry, particularly in the period following the German blitz in Poland. Our efforts to develop munitions to the point where our armies could cope on equal terms with those of potential enemies are covered here in this, the first of three projected volumes on the history of the Ordnance Department in World War II. How well the Ordnance Department succeeded in matching the Germans in quality continues to be a matter of debate both within the Ordnance Department itself, and between the using arms and the Department. That the battle of quantity was won—with the help of a superb industrial machine—can hardly be denied. This volume, the result of diligent research by Dr. Constance McL. Green and her associates, should interest not only military men but also scientists, industrialists, and laymen in general. Among other things, it shows the urgent necessity of a directed, continuous, and intensive research program and the danger in failing to recognize and profit by developments abroad. Also shown is the inherent time interval between the drawing board and the production of the end item in quantity."**

CITIZEN AIRMEN : A HISTORY OF THE AIR FORCE RESERVE 1946-1994

DIANE Publishing

THE QUARTERMASTER CORPS

ORGANIZATION, SUPPLY, AND SERVICES

TOXICOLOGY IN THE USE, MISUSE, AND ABUSE OF FOOD, DRUGS, AND CHEMICALS

PROCEEDINGS OF THE EUROPEAN SOCIETY OF TOXICOLOGY MEETING, HELD IN TEL AVIV, MARCH 21-24, 1982

Springer Science & Business Media **Many chemotherapeutic agents introduced for use in humans are carcinogenic in laboratory animals (Conklin et al. 1965; Shimkin et al. 1966; Griswold et al. 1968; Harris 1976). However, initially their beneficial effect in disseminated cancer was of such short duration that the inevitable death of the patient from his primary disease precluded any clinical manifestation of the carcinogenic potential. During the last decade, chemotherapy has radically changed the outlook for many patients with cancer. Combinations of drugs, administered as the primary treatment, have resulted in high rates of cure in patients with disseminated malignancies, such as stage IV Hodgkin's disease or childhood acute lymphocytic leukemia. In other disseminated forms of neoplasia, induction of a remission, a substantial palliation and a prolongation of survival have been achieved. In many instances of localized disease, where surgery with or without radiotherapy are the primary form of treatment, anticancer drugs have been used with success as adjuvant therapy for distant microscopic disease. With these spectacular achievements, secondary malignancies, in particular acute non-lymphocytic leukemia (ANLL), has become of major concern. Incidence Acute leukemia is the most frequent form of secondary neoplasia in patients treated for cancer (Penn 1981). In one large series, 5.9% of all ANLL could be attributed to previous chemotherapy (Kapadia et al. 1980).**

THE ELLEN MEIKSINS WOOD READER

BRILL **This Reader includes selections from Ellen Meiksins Wood's groundbreaking scholarship, providing an overview of her original interpretations of capitalism, precapitalist societies, the state, political theory, democracy, citizenship, liberalism, civil society, the Enlightenment, globalization, imperialism, and socialism.**

CRUCIBLES

THE STORY OF CHEMISTRY FROM ANCIENT ALCHEMY TO NUCLEAR FISSION

Courier Corporation **Classic popular account of the great chemists Trevisan, Paracelsus, Avogadro, Mendeléeff, the Curies, Thomson, Lavoisier, and others, up to A-bomb research and recent work with subatomic particles. 20 illustrations.**

A HISTORY OF THE WORLD IN 6 GLASSES

Bloomsbury Publishing USA **The New York Times Bestseller "There aren't many books this entertaining that also provide a cogent crash course in ancient, classical and modern history." -Los Angeles Times Beer, wine, spirits, coffee, tea, and Coca-Cola: In Tom Standage's deft, innovative account of world history, these six beverages turn out to be much more than just ways to quench thirst. They also represent six eras that span the course of civilization—from the adoption of agriculture, to the birth of cities, to the advent of globalization. A History of the World in 6 Glasses tells the story of humanity from the Stone Age to the twenty-first century through each epoch's signature refreshment. As Standage persuasively argues, each drink is in fact a kind of technology, advancing culture and catalyzing the intricate interplay of different societies. After reading this enlightening book, you may never**

look at your favorite drink in quite the same way again.

HANDBOOK OF HEDGE FUNDS

John Wiley & Sons A comprehensive guide to the burgeoning hedge fund industry. Intended as a comprehensive reference for investors and fund and portfolio managers, *Handbook of Hedge Funds* combines new material with updated information from Francois-Serge L'habitant's two other successful hedge fund books. This book features up-to-date regulatory and historical information, new case studies and trade examples, detailed analyses of investment strategies, discussions of hedge fund indices and databases, and tips on portfolio construction. Francois-Serge L'habitant (Geneva, Switzerland) is the Head of Investment Research at Kedge Capital. He is Professor of Finance at the University of Lausanne and at EDHEC Business School, as well as the author of five books, including *Hedge Funds: Quantitative Insights* (0-470-85667-X) and *Hedge Funds: Myths & Limits* (0-470-84477-9), both from Wiley.

WATER, CULTURAL DIVERSITY, AND GLOBAL ENVIRONMENTAL CHANGE

EMERGING TRENDS, SUSTAINABLE FUTURES?

Springer Science & Business Media Co-published with UNESCO A product of the UNESCO-IHP project on Water and Cultural Diversity, this book represents an effort to examine the complex role water plays as a force in sustaining, maintaining, and threatening the viability of culturally diverse peoples. It is argued that water is a fundamental human need, a human right, and a core sustaining element in biodiversity and cultural diversity. The core concepts utilized in this book draw upon a larger trend in sustainability science, a recognition of the synergism and analytical potential in utilizing a coupled biological and social systems analysis, as the functioning viability of nature is both sustained and threatened by humans.

CONTROLLED RELEASE PESTICIDES FORMULATIONS

CRC Press The main goal of this book is to present a summary of the state of the art historical background. Conventional chemical pest control methods are mentioned only as a means of comparison to controlled release. Research endeavour with biological weapons, potential usage of such controls, and the few instances of success are likewise brought into focus with the same motive. Formulations and methods of preparing controlled release pesticides are discussed in some detail as concerns the antifouling and molluscicide areas, where the compounding methodology has been well developed. The mathematical basis of controlled release has been developed to an extent and is presented in an abbreviated form.

APPLIED EUGENICS

ENGINEERING AND DESIGN

SOIL VAPOR EXTRACTION AND BIOVENTING (ENGINEER MANUAL EM 1110-1-4001)

Military Bookshop This manual provides practical guidance for the design and operation of soil vapor extraction (SVE) and bioventing (BV) systems. It is intended for use by engineers, geologists, hydrogeologists, and soil scientists, chemists, project managers, and others who possess a technical education and some design experience but only the broadest familiarity with SVE or BV systems.

PROGRESS IN ULTRAFAST INTENSE LASER SCIENCE VI

Springer Science & Business Media The PUILS series delivers reviews of progress in Ultrafast Intense Laser Science, an emerging field. This sixth volume covers a broad range of topics from this interdisciplinary research field to provide a state-of-the-art report of short time Laser physics.

TRANSPARENCY IN NUCLEAR WARHEADS AND MATERIALS

THE POLITICAL AND TECHNICAL DIMENSIONS

Sipri Monograph These studies address the technical means and procedures for establishing transparency in nuclear warheads and materials in the nuclear weapons states.

POUCHER'S PERFUMES, COSMETICS AND SOAPS

Springer Science & Business Media Poucher's *Perfumes Cosmetics and Soaps* has been in print since 1923 and is the classic reference work in the field of cosmetics. Now in a fully updated 10th edition, this new volume provides a firm basic knowledge in the science of cosmetics (including toiletries) as well as incorporating the latest trends in scientific applications and legislation which have occurred since the 9th edition. This edition will not only be an excellent reference book for students entering the industry but also for those in specialized research companies, universities and other associated institutions who will be able to gain an overall picture of the modern cosmetic science and industry. The book has been logically ordered into four distinct parts. The historical overview of Part 1 contains an essay demonstrating William Arthur Poucher's influence on the 20th Century cosmetics industry as well as a chapter detailing the long history of cosmetics. Part 2 is a comprehensive listing of the properties and uses of common cosmetic types, ranging from Antiperspirants through to Sunscreen preparations. There are an increased number of raw materials in use today and their chemical, physical and safety benefits are carefully discussed along with formulation examples. The many additions since the last edition demonstrate the dramatic recent expansion in the industry and how changes in legal regulations affecting the development, production and marketing of old, established and new products are operative almost worldwide. Information on specialist products for babies and others is included within individual chapters. The chapters in Part 3 support and outline the current guidelines regarding the assessment and control of safety and stability. This information is presented chemically, physically and microbiologically. Part 3 chapters also detail requirements for the consumer acceptability of both existing and new products. Those legal regulations now in force in the EU, the USA and Japan are carefully described in a separate chapter and the remaining chapters have been extensively updated to explain the technical and practical operations needed to comply with regulations when marketing. This information will be invaluable to European Union and North American companies when preparing legally required product information dossiers. The final chapters in Part 4 contain useful information on the psychology of perfumery as well as detailing methods for the conduct of assessment trials of new products. As ingredient labelling is now an almost universal legal requirement the International Nomenclature of Cosmetics Ingredients (INCI) for raw materials has been used wherever practicable. The advertised volume is the 10th edition of what was previously known as volume 3 of Poucher's *Cosmetics and Soaps*. Due to changes in the industry there are no plans to bring out new editions of volume 1 and 2.

AEROSOL SCIENCE AND TECHNOLOGY

HISTORY AND REVIEWS

RTI Press *Aerosol Science and Technology: History and Reviews* captures an exciting slice of history in the evolution of aerosol science. It presents in-depth biographies of four leading international aerosol researchers and highlights pivotal research institutions in New York, Minnesota, and Austria. One collection of chapters reflects on the legacy of the Pasadena smog experiment, while another presents a fascinating overview of military applications and nuclear aerosols. Finally, prominent researchers offer detailed reviews of aerosol measurement, processes, experiments, and technology that changed the face of aerosol science. This volume is the third in a series and is supported by the American Association for Aerosol Research (AAAR) History Working Group, whose goal is to produce archival books from its symposiums on the history of aerosol science to ensure a lasting record. It is based on papers presented at the Third Aerosol History Symposium on September 8 and 9, 2006, in St. Paul, Minnesota, USA.

THE PANDEMIC CENTURY: ONE HUNDRED YEARS OF PANIC, HYSTERIA, AND HUBRIS

W. W. Norton & Company With a New Chapter and Updated Epilogue on Coronavirus A Financial Times Best Health Book of 2019 and a New York Times Book Review Editors' Choice "Honigsbaum does a superb job covering a century's worth of pandemics and the fears they invariably unleash." —Howard Markel, MD, PhD, director of the Center for the History of Medicine, University of Michigan How can we understand the COVID-19 pandemic? Ever since the 1918 Spanish influenza pandemic, scientists have dreamed of preventing such catastrophic outbreaks of infectious disease. Yet despite a century of medical progress, viral and bacterial disasters continue to take us by surprise, inciting panic and dominating news cycles. In *The Pandemic Century*, a lively account of scares both infamous and less known, medical historian Mark Honigsbaum combines reportage with the history of science and medical sociology to artfully reconstruct epidemiological mysteries and the ecology of infectious diseases. We meet dedicated disease detectives, obstructive or incompetent public health officials, and brilliant scientists often blinded by their own knowledge of bacteria and viruses—and see how fear of disease often exacerbates racial, religious, and ethnic tensions. Now updated with a new chapter and epilogue.

FELINE DERMATOLOGY

Springer Nature This richly-illustrated handbook covers all aspects of modern feline dermatology, from the approach to different signs and symptoms to the description of the etiology, pathogenesis, clinical manifestation, diagnosis and current treatment of each feline dermatological disease. Thus this manual serves as essential practical guide to the busy practitioner to quickly and surely tackle cats with dermatological conditions, and offers a current and complete reference tool for the feline veterinarian and the veterinary dermatologist.