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KEY=AUTOMOTIVE - GUNNER STEWART

Automotive Coatings Formulation Chemistry, Physics und Practices

Vincenz Network GmbH & Co KG *The automobile industry and varnish manufacturers are expending considerable amounts of money to produce particularly appealing surfaces. The main task of a lacquer is protection against corrosion, weathering and chemical and mechanical influences, as well as obtaining the appealing surface. Different manufacturers specialize exclusively in automobile lacquers. This book deals with the composition and the production of the different components and their physical characteristics as well as their application technology characteristics. Therefore both the application behavior, the task of protection, and the corresponding appearance are covered in detail.*

Automotive Coatings Formulation

The automobile industry and the varnish manufacturers use a considerable expenditure to produce particularly appealing surfaces. The main focus in the painting industry is on the protection against corrosion, weathering, chemical and mechanical influences as well as obtainment of appealing surfaces. Several manufacturers specialize exclusively in automobile lacquers. This book deals with the composition and the production of the most difficult components as well as their physical and application technology characteristics. Application technology characteristics describe the application behaviour, the task of protection and the responding appearance. Ulrich Poth approaches the people who are entrusted with raw materials, systems and application procedures. Furthermore, Automotive

Coatings Formulation is addressed to all chemists, physicists, engineers and other technically interested persons.

Microbicides in Coatings

European Coatings *All about biocides for coatings: When it comes to protecting coatings, it is essential to strike the right balance between controlling germs in order to avoid economic damage on the one hand and tolerating microbial life where it is necessary and useful on the other. The new book from Frank Sauer provides a comprehensive overview of the working mechanisms and possible applications of microbicides for coatings - invaluable for formulators and technicians as well as for business people with a basic knowledge of chemistry and biology.*

Polyester and Alkyd Resins

Vincentz Network GmbH & Co KG *Polyester and alkyd resins belong to the most diverse and important material classes of paint chemistry and their usage as binders has been established for a long time. This standard work goes into detail on the composition, structure and properties of these important binder groups and subjects previous findings in that field to a critical review. It shows different precise calculation approaches in modern coatings development, ways to formulate polyester and alkyd resins in experimental designs and how to vary them systematically. A practice- and future-oriented reference book that should not be missing in any laboratory!*

Automotive Paints and Coatings

John Wiley & Sons *Dedicated wholly to automotive coatings, this book is the first of its kind. It provides an in-depth coverage of the subject and in keeping with the international nature of the automotive business the book has a truly multinational flavour with authors selected from Australia, Japan, Europe and the USA. An authoritative and informative treatment of all aspects of coatings formulation are presented together with their manufacture and application. Numerous chapters written by experts in the field deal with substrate pretreatment, undercoats, surfacers and topcoats. Finishes for both metals and non-metals are described as well as speciality coatings such as sealers, antichip and underbody paints. Further valuable information on commercial support for the sale of finishes in the automotive industry and the licensing of technology is also given. Specialists involved in a wide range of disciplines in the coatings industry including chemists, chemical engineers and commercial staff will find this up-to-date source of exceptional interest.*

Coatings Formulation

An International Textbook

A step-by-step introduction to coatings formulation: Insights into the chemical composition and binders of various types of paints; Exclusive selection, analysis, and annotation of existing recipes; Various examples of how to develop a real-life paint formulation

Acrylic Resins

Automotive Paints and Coatings

John Wiley & Sons *Now in its second edition and still the only book of its kind, this is an authoritative treatment of all stages of the coating process -- from body materials, paint shop design, and pre-treatment, through primer surfacers and top coats. New topics of interest covered are color control, specification and testing of coatings, as well as quality and supply concepts, while valuable information on capital and legislation aspects is given. Invaluable for engineers in the automotive and paints and coatings industry as well as for students in the field.*

Official Gazette of the United States Patent and Trademark Office

Patents

Deutsche Nationalbibliografie

Amtsblatt. Monografien und

Periodika. Halbjahresverzeichnis. D

Silicone Resins and Their Combinations

Vincentz Network GmbH & Co KG *After completing his chemistry studies in Krefeld/ Germany, Wernfried Heilen started working for Wulfing (PPG) in 1977, in the R&D Department for Industrial Coatings. After moving to Byk Chemie, he assumed responsibility as ProductManager for various product groups. In 1983 he joinedGoldschmidt as Head of Technical Service for Additives and, at a later stage,*

for silicone resins as well. He has been Director of Technical Marketing Department in the Degussa Business Line Tego Coatings & Ink Additives since 2001."

BASF Handbook on Basics of Coating Technology

William Andrew *The new Handbook on Basics of Coating Technology is a classic reference recently updated with 18 years worth of new technology, standards, and developments in the worldwide coating industry. This is an indispensable reference for anyone in the industry. Whether you are involved in traditional processes or the most innovative, this handbook will be a critical addition to your daily routine. Full of color images, graphs, and figures, the handbook comes complete with standard tables, general classification figures, definitions, and an extensive keyword index. Both engineers and technicians will find the answers they need within its pages. Instead of solving problems "after the fact," this handbook helps avoiding them in the first place, saving time and money. This reference also gives beginners and practically oriented readers a journey through the different coating segments clearly illustrated with lots of pictures. It also outlines the social changes in the industry concerning environmental compatibility and toxicology which have seriously affected product development.*

Automotive Development Processes Processes for Successful Customer Oriented Vehicle Development

Springer Science & Business Media *The global crisis the automotive industry has slipped into over the second half of 2008 has set a fierce spotlight not only on which cars are the right ones to bring to the market but also on how these cars are developed. Be it OEMs developing new models, suppliers integrating themselves deeper into the development processes of different OEMs, analysts estimating economical risks and opportunities of automotive investments, or even governments creating and evaluating scenarios for financial aid for suffering automotive companies: At the end of the day, it is absolutely indispensable to comprehensively understand the processes of automotive development - the core subject of this book. Let's face it: More than a century after Carl Benz, Wilhelm Maybach and Gottlieb Daimler developed and produced their first motor vehicles, the overall concept of passenger cars has not changed much. Even though components have been considerably optimized since then, motor cars in the 21st century are still driven by combustion engines that transmit their propulsive power to the road surface via gearboxes, transmission shafts and wheels, which together with spring-damper units allow driving stability and ride comfort. Vehicles are still navigated by means of a steering wheel that turns the front wheels, and the required control elements are still*

located on a dashboard in front of the driver who operates the car sitting in a seat.

Understanding Coatings Raw Materials

Vincentz Network *What are paints and coatings composed of? This efficient reference book offers an optimum overview of the different constituents of the different types of coatings, explaining the chemistry, system and impacts of coating raw materials. That way, newcomers to the field of coatings gain a quick basic knowledge whereas chemists and laboratory assistants will find valuable insights on future trends and developments in the field of raw materials.*

Wood Coatings

European Coatings *Discover the current trends in industrial wood coatings! The comprehensive standard work from Jorge Prieto and Jürgen Kiene focuses on interior and exterior coatings for wood and wood-based materials. It compares classic solvent-borne wood coatings with modern UV-curing systems and water-borne coating systems. Moreover, guide formulations and actual procedures for coatings are shown in detail. Summarized: this book provides a comprehensive overview, with practical solutions and support for everyone who deals with industrial wood coatings.*

Alkyd Resins Technology Handbook

Alkyd resin manufacturing process,
Alkyd Resin Plants, Alkyd resin
Processing Projects, Alkyd resin
production Business, Alkyd Resin
Production Plant, Alkyd resin
production process, Alkyd resin
properties, Alkyd resin reaction,

Alkyd resin synthesis, Alkyd Resins Chemical Technology, Alkyd Resins Formulations, Alkyd Resins Manufacture, Alkyd Resins Manufacturing

ASIA PACIFIC BUSINESS PRESS Inc. *Alkyd resins are any of a large group of thermoplastic resins that are essentially polyesters made by heating polyhydric alcohol with polybasic acids or their anhydride and used chiefly in making protective coatings and good weathering properties. These resins are useful as film forming agents in paint, varnished and enamels & as thermosetting plastics that can be moulded into solid objects. Hence, alkyd resins are one of the important ingredients in the synthetic paint industry. Alkyd resins are the synthetic resins which have a dominant position among the synthetic resins with respect of production volume & the frequency of the use in paint & varnish materials. Despite the growing popularity of acrylic, polyurethane and epoxy resins, alkyd resins remain highly favoured among paint producers for its variability of compositions & better value for money. Originally, alkyd resins were merely the reaction products of phthalic anhydride and glycerine. But these products were too brittle to make satisfactory coatings. The use of oils or unsaturated fatty acids in combination with the brittle alkyds resulted in the air-drying coatings which revolutionized the chemical coating industry. The oil or fatty acid portion of the alkyd is one of the factors which determine the paint formulator's choice of resin to be used. In general, the lower the phthalic content of an alkyd, the higher the amount of oil used. Alkyd resins products are suitable for wide range of products with application in decorative, maintenance and contractor paints where excellent gloss and good durability are required. Experts believe that the total consumption of paint & varnish materials will rise to a great extent in the coming years. Both cost wise & performance wise, alkyds have proven themselves over a wide swath of demands, from agriculture/construction equipment to general industrial metal and even architectural finishes. Some of the fundamentals of the book are the basic chemistry of unsaturated polyesters, factors affecting alkyd production, monitoring the alkyd reactions, alkyd calculations, alkyd formulations based on theory, practical alkyd formulations, assessment of the performance of single and multicoat red iron oxide alkyd paint systems, styrenated alkyd resins based on maleopimaric acid, mechanical properties of alkyds resin varnish films and the effect of different weathering conditions on them, modification of alkyds, copolymerization of alkyd silicons for coatings, styrene copolymers in alkyd resins, etc. This book contains alkyd formulation, modification of alkyds, styrene copolymers in alkyd resins, copolymerization of alkyd silicon, polyblends of polystyrene glycol*

and alkyd in surface coatings, alkyd calculations, and alkyd nomograms. This book will find very helpful to all its readers, entrepreneurs, scientists, technical institution, existing industries, paint technologist etc. TAGS Alkyd coating formulations, Alkyd Formulations by Resins, Alkyd resin, Alkyd resin Based Profitable Projects, Alkyd resin Based Small Scale Industries Projects, Alkyd resin chemistry, Alkyd resin Making Small Business Manufacturing, Alkyd resin manufacturing plant, Alkyd resin manufacturing process, Alkyd Resin Plants, Alkyd resin Processing Projects, Alkyd resin production Business, Alkyd Resin Production Plant, Alkyd resin production process, Alkyd resin properties, Alkyd resin reaction, Alkyd resin synthesis, Alkyd Resins Chemical Technology, Alkyd Resins Formulations, Alkyd Resins Manufacture, Alkyd Resins Manufacturing, Alkyd Resins Formulation, Alkyd Resins Processing, Alkyd Resins Processing Industry in India, Alkyd Resins Production, Types, Technology, Applications, Alkyd Resins Technology Book, Alkyd silicons for coatings, Alkyd Synthesis, Processing & Manufacturing, Alkyd-Resins Production, Best small and cottage scale industries, Business consultancy, Business consultant, Business Plan for a Startup Business, Business start-up, Calculating technique for formulating alkyd resins, Formulation of alkyd resins used in paints, Great Opportunity for Startup, How to start a successful Alkyd resin production business, How to Start Alkyd resin Production Business, How to Start Alkyd resin production?, How to Start Alkyd Resins Processing Industry in India, Industrial Project Report, Industrial Resins, Manufacture of Alkyd Resins, Manufacture of resin, Mechanical properties of alkyds resin varnish films, Modern small and cottage scale industries, Most Profitable Alkyd resin production Business Ideas, New small scale ideas in Alkyd resin production industry, Polymerization of Alkyd Resins, Preparation of Project Profiles, Process for making oil modified alkyd resins, Process for producing alkyd resins, Process Technology Book on Alkyd resin, Process technology books, Processes and equipment for alkyd and unsaturated polyester resin, Profitable small and cottage scale industries, Profitable Small Scale Alkyd resin Manufacturing, Project consultancy, Project consultant, Project for startups, Project identification and selection, Project profile on alkyd resin, Properties of Alkyd Resins, Resin production, Resins manufacturing plants, Setting up and opening your Alkyd resin Business, Setting up of Alkyd resin production Unit, Small scale Alkyd resin production line, Small Scale Alkyd resin production Projects, Small scale Commercial Alkyd resin making, Small Start-up Business Project, Start up India, Stand up India, Starting a Alkyd resin production Business, Startup, Start-up Business Plan for Alkyd resin production, Startup ideas, Startup Project, Startup Project for Alkyd resin manufacturing, Startup project plan, Technological advances in the manufacture of resins, Types of alkyd resin, Uses of alkyd resin

Systems, Software and Services Process Improvement

26th European Conference, EuroSPI 2019, Edinburgh, UK, September 18–20, 2019, Proceedings

Springer Nature *This volume constitutes the refereed proceedings of the 26th European Conference on Systems, Software and Services Process Improvement, EuroSPI conference, held in Edinburgh, Scotland, in September 2019. The 18 revised full papers presented were carefully reviewed and selected from 28 submissions. They are organized in topical sections: Visionary Papers, SPI and Safety and Security, SPI and Assessments, SPI and Future Qualification & Team Performance, and SPI Manifesto and Culture. The selected workshop papers are also presented and organized in following topical sections: GamifySPI, Digitalisation of Industry, Infrastructure and E-Mobility. -Best Practices in Implementing Traceability. -Good and Bad Practices in Improvement. -Functional Safety and Cybersecurity. -Experiences with Agile and Lean. -Standards and Assessment Models. -Team Skills and Diversity Strategies. -Recent Innovations.*

Environmental Degradation and Transformation of Organic Chemicals

CRC Press *Addressing the persistent environmental threat of organic chemicals with a fresh approach to degradation and transformation processes, Environmental Degradation and Transformation of Organic Chemicals examines a wide range of compounds as well as abiotic and microbiological reactions mediated by microorganisms. The book emphasizes the pathways used*

Historical Painting Techniques, Materials, and Studio Practice Preprints of a Symposium, University of Leiden, the

Netherlands, 26–29 June 1995

Getty Publications *Bridging the fields of conservation, art history, and museum curating, this volume contains the principal papers from an international symposium titled "Historical Painting Techniques, Materials, and Studio Practice" at the University of Leiden in Amsterdam, Netherlands, from June 26 to 29, 1995. The symposium—designed for art historians, conservators, conservation scientists, and museum curators worldwide—was organized by the Department of Art History at the University of Leiden and the Art History Department of the Central Research Laboratory for Objects of Art and Science in Amsterdam. Twenty-five contributors representing museums and conservation institutions throughout the world provide recent research on historical painting techniques, including wall painting and polychrome sculpture. Topics cover the latest art historical research and scientific analyses of original techniques and materials, as well as historical sources, such as medieval treatises and descriptions of painting techniques in historical literature. Chapters include the painting methods of Rembrandt and Vermeer, Dutch 17th-century landscape painting, wall paintings in English churches, Chinese paintings on paper and canvas, and Tibetan thangkas. Color plates and black-and-white photographs illustrate works from the Middle Ages to the 20th century.*

European Coatings Handbook

Vincentz Network GmbH & Co KG

Vieweg Handbuch

Kraftfahrzeugtechnik

Springer-Verlag *Als fachlich fundierter, dennoch verständlich gehaltener Überblick hat sich das Handbuch Kraftfahrzeugtechnik längst einen Namen gemacht. Es eröffnet dem Leser einen weitgehenden Einblick in den heutigen Stand der Fahrzeugtechnik. Aktuelle Entwicklungen wie Piezo - Benzindirekteinspritzung und variabler Ventilbetrieb, sowie Partikelfilter, Doppelkupplungsgetriebe, ESP-Plus wurden berücksichtigt. Außerdem gibt es Kapitel zu den Themen: Schneeketten, Räder, Bordmanagement, Frontendkonzepte sowie moderne Audio- und Soundsysteme.*

Epoxy Resins

Vincentz Network *Thanks to their excellent characteristics, epoxy resins belong to the most established binders within the coatings industry. This new book explains the basic principles of the chemistry of the epoxy group and imparts the use of epoxy and phenoxy resins in industrial coatings, such as anticorrosive coatings, floor coatings, powder coatings and can coatings, with the help of concrete formulations*

Design Requirements Engineering: A Ten-Year Perspective

Design Requirements Workshop, Cleveland, OH, USA, June 3-6, 2007, Revised and Invited Papers

Springer Science & Business Media *Since its inception in 1968, software engineering has undergone numerous changes. In the early years, software development was organized using the waterfall model, where the focus of requirements engineering was on a frozen requirements document, which formed the basis of the subsequent design and implementation process. Since then, a lot has changed: software has to be developed faster, in larger and distributed teams, for pervasive as well as large-scale applications, with more flexibility, and with ongoing maintenance and quick release cycles. What do these ongoing developments and changes imply for the future of requirements engineering and software design? Now is the time to rethink the role of requirements and design for software intensive systems in transportation, life sciences, banking, e-government and other areas. Past assumptions need to be questioned, research and education need to be rethought. This book is based on the Design Requirements Workshop, held June 3-6, 2007, in Cleveland, OH, USA, where leading researchers met to assess the current state of affairs and define new directions. The papers included were carefully reviewed and selected to give an overview of the current state of the art as well as an outlook on probable future challenges and priorities. After a general introduction to the workshop and the related NSF-funded project, the contributions are organized in topical sections on fundamental concepts of design; evolution and the fluidity of design; quality and value-based requirements; requirements intertwining; and adapting requirements practices in different domains.*

Coatings Basics

William Andrew Pub *SOLD ONLY IN NORTH AND SOUTH AMERICAS* *Based on the author's substantial experience in coatings education, this book meets the growing demand for a professional but concise introduction to coatings technology for non-coatings specialists and business professionals. Andrie Winkelaar provides an overview of the development, manufacture and application of paint products and coatings, covering the scientific fundamentals and practical aspects, along with health & safety and environmental concerns. Through a survey of the formulation of paint, the reader gains a firm understanding of why different product types are particularly suited to different applications. Understanding the basic chemistry of*

paint enables the reader to appreciate health and environmental issues and performance trade-offs. The author also provides practical guidance on the choice, application and testing of paint products. From basic chemical reactions to coatings ingredients through to production, application and environmental protection, all key areas of paint technology are covered and richly illustrated with numerous photographs. Coatings Basics offers a concise introduction for non-specialists and business professionals while providing fresh insights and background knowledge for experienced professionals. An overview of the scientific fundamentals and practical aspects of paints and coatings Provides readers with the unerring knowledge needed to select the right paint products, and use them in a way that delivers excellent results Essential reading for non-specialists and business professionals - and a fascinating overview for experienced professionals

Gentrification and Resistance

Researching Displacement

Processes and Adaption Strategies

Springer *Gentrification is arguably the most dynamic area of conflict in current urban development policy - it is the process by which poorer populations are displaced by more affluent groups. Although gentrification is well-documented, German and international research largely focuses on improvements in the built environment and social composition of neighbourhoods. The consequences for those who are displaced often remain overlooked. Where do they move? What does it mean to be forced to leave a familiar residential area? What kinds of resistance strategies are developed? How does anti-gentrification work? With a focus on Berlin - the German "capital of gentrification" - the chapters in this volume use innovative methods to explore these pressing questions.*

Urban Air Pollution and Forests

Resources at Risk in the Mexico

City Air Basin

Springer Science & Business Media *With a population of more than eighteen million people, Mexico City is a major metropolitan area where the effects of urban development on air quality are of immediate concern. Air pollution exposures and effects on forests in the Mexico City Air Basin are in many respects similar to those reported in the Los Angeles, California Air Basin. Studies of air pollution impacts on forests in these two regions may serve as models for urban areas all over the world. Although scientists have studied air pollution and its effects on forests and vegetation in the Mexico City Air Basin for years, this book reviews and synthesizes*

this body of work for the first time. This synthesis is particularly valuable as air pollution increases at an alarming rate along with global urbanization. A thorough discussion of regional geology, climate and hydrology, historical natural resource utilization, and sociological factors provide the context for evaluating air pollution impacts on the highly valued forests surrounding this megacity. The environmental and ecological consequences of chronic exposure to biologically important pollutants are considered in various case studies. Finally, the editors discuss the state of air pollution research in the Mexico City Air Basin and the outlook for the health and sustainability of forests within the Basin.

Gazette Du Bureau Des Brevets

Includes annual cumulative index of inventors and patentees.

Wonders and the Order of Nature, 1150-1750

A rich exploration of how European naturalists used wonder and wonders (oddities and marvels) to envision and explain the natural world.

Diarrhea

Diagnostic and Therapeutic Advances

Springer Science & Business Media *This volume provides in a conveniently accessible package a comprehensive collection of accurate and timely information on the management of patients with diarrhea, both in pediatric age and in the adult. As medical knowledge has recently expanded in this area, this volume is full of new practical, clinically useful material for the busy clinician. Illustrations are emphasized to permit rapid acquisition of practical information that is not readily available in the major texts. Each chapter is concise, concentrating on "clinical pearls," and new advances in diagnostic and therapeutic technology. Each chapter discusses the relative costs of diagnostic and therapeutic options to permit financial considerations to be taken into account in the decision making process. Additional unique features include, summaries of key points, recommendations, and indications for requesting GI subspecialty consultation. Providing a comprehensive but practical overview of the issues surrounding the diarrheal diseases, this volume will prove of great value and utility to gastroenterologists, surgeons, internists, primary care physicians.*

Tropical Soil Biology and Fertility

A Handbook of Methods

In this handbook methods are given to determine soil characteristics, organic matter compounds, phosphorus in soil, nitrogen fixation, soil solution sampling, plant nutrient uptake and the nitrogen availability

Smart and Sustainable Cities and Buildings

Springer Nature *This book brings together the papers presented at the Smart and Sustainable Built Environments Conference, 2018 (SASBE). This latest research falls into two tracks: smart and sustainable design and planning cities; and the technicalities of smart and sustainable buildings. The growth of smart cities is evident, but not always linked to sustainability. This book gives an overview of the latest academic developments in increasing the smartness and sustainability of our cities and buildings. Aspects such as inclusivity, smart cities, place and space, the resilient city, urbanity and urban ecology are prominently featured in the design and planning part of the book; while energy, educational buildings, comfort, building design, construction and performance form the sub-themes of the technical part of the book. This book will appeal to urban designers, architects, urban planners, smart city designers and sustainable building experts.*

Environmental Geoinformatics

Monitoring and Management

Springer Science & Business Media *There is no doubt that today, perhaps more than ever before, humanity faces a myriad of complex and demanding challenges. These include natural resource depletion and environmental degradation, food and water insecurity, energy shortages, diminishing biodiversity, increasing losses from natural disasters, and climate change with its associated potentially devastating consequences, such as rising sea levels. These human-induced and natural impacts on the environment need to be well understood in order to develop informed policies, decisions, and remedial measures to mitigate current and future negative impacts. To achieve this, continuous monitoring and management of the environment to acquire data that can be soundly and rigorously analyzed to provide information about its current state and changing patterns, and thereby allow predictions of possible future impacts, are essential. Developing pragmatic and sustainable solutions to address these and many other similar challenges requires the use of geodata and the application of geoinformatics. This book presents the*

concepts and applications of geoinformatics, a multidisciplinary field that has at its core different technologies that support the acquisition, analysis and visualization of geodata for environmental monitoring and management. We depart from the 4D to the 5D data paradigm, which defines geodata accurately, consistently, rapidly and completely, in order to be useful without any restrictions in space, time or scale to represent a truly global dimension of the digital Earth. The book also features the state-of-the-art discussion of Web-GIS. The concepts and applications of geoinformatics presented in this book will be of benefit to decision-makers across a wide range of fields, including those at environmental agencies, in the emergency services, public health and epidemiology, crime mapping, environmental management agencies, tourist industry, market analysis and e-commerce, or mineral exploration, among many others. The title and subtitle of this textbook convey a distinct message. Monitoring -the passive part in the subtitle - refers to observation and data acquisition, whereas management - the active component - stands for operation and performance. The topic is our environment, which is intimately related to geoinformatics. The overall message is: all the mentioned elements do interact and must not be separated. Hans-Peter Bahr, Prof. Dr.-Ing. Dr.h.c., Karlsruhe Institute of Technology (KIT), Germany.

A Fragile Inheritance

Radical Stakes in Contemporary Indian Art

Duke University Press *In A Fragile Inheritance Saloni Mathur investigates the work of two seminal figures from the global South: the New Delhi-based critic and curator Geeta Kapur and contemporary multimedia artist Vivan Sundaram. Examining their written and visual works over the past fifty years, Mathur illuminates how her protagonists' political and aesthetic commitments intersect and foreground uncertainty, difficulty, conflict, and contradiction. This book presents new understandings of the culture and politics of decolonization and the role of non-Western aesthetic avant-gardes within the discourses of contemporary art. Through skillful interpretation of Sundaram's and Kapur's practices, Mathur demonstrates how received notions of mainstream art history may be investigated and subjected to creative redefinition. Her scholarly methodology offers an impassioned model of critical aesthetics and advances a radical understanding of art and politics in our time.*

Paul J. Crutzen: A Pioneer on

Atmospheric Chemistry and Climate Change in the Anthropocene

Springer *This book contains texts by the Nobel laureate Paul J. Crutzen who is best known for his research on ozone depletion. It comprises Crutzen's autobiography, several pictures documenting important stages of his life, and his most important scientific publications. The Dutch atmospheric chemist is one of the world's most cited scientists in geosciences. His political engagement makes him a tireless ambassador for environmental issues such as climate change. He popularized the term 'Anthropocene' for the current geological era acknowledging the enduring influence of humankind on planet Earth. This concept conceives humans to be a geologic factor, influencing the evolution of our globe and the living beings populating it. The selection of texts is representing Paul Crutzen's scientific oeuvre as his research interests span from ozone depletion to the climatic impacts of biomass burning, the consequences of a worldwide atomic war - the Nuclear Winter - to geoengineering and the Anthropocene.*

The Rheology Handbook

4th Edition

"Already in its 4th edition, this standard work describes the principles of rheology clearly, vividly and in practical terms. The book includes the rheology of additives in waterborne dispersions and surfactant systems. Not only it is a great reference book, it can also serve as a textbook for studying the theory behind the methods. The practical use of rheology is presented in the areas quality control, production and application, chemical and mechanical engineering, materials science and industrial research and development. After reading this book, the reader should be able to perform tests with rotational and oscillatory rheometers and interpret the results correctly."--Publisher's website.

Technical Challenges of Multipollutant Air Quality Management

Springer Science & Business Media *Recent critiques of air quality management approaches currently employed in developed and many developing countries have suggested that efficiencies could be achieved if air quality management practices shifted from pollutant-by-pollutant approaches to a comprehensive multipollutant approach in which emission reduction decisions are based on relative risk and*

evaluated on their effectiveness in meeting environmental and health goals. This book assesses our technical readiness to undertake such an approach, and it outlines the technical developments that will be needed to achieve a risk-based approach air quality management that includes means for measuring the effectiveness of management decisions.

Taxonomy, Genomics and Ecophysiology of Hydrocarbon-Degrading Microbes

Springer *This book provides comprehensive, authoritative descriptions of the microbes involved in cleaning up oil spills and degrading climate-altering hydrocarbons such as methane, and has detailed discussions about the taxonomy, ecology, genomics, physiology and global significance of these hydrocarbon-degrading microbes.*

Gender and Dialogue in the Rabbinic Prism

Walter de Gruyter *The author applies the fields of gender studies, psychoanalysis, and literature to Talmudic texts. In opposition to the perception of Judaism as a legal system, he argues that the Talmud demands inner spiritual effort, to which the trait of humility and the refinement of the ego are central. This leads to the question of the attitude to the Other, in general, and especially to women. The author shows that the Talmud places the woman (who represents humility and good-heartedness in the Talmudic narratives) above the character of the male depicted in these narratives as a scholar with an inflated sense of self-importance.*

Exploring the Visual Landscape

Advances in Physiognomic Landscape Research in the Netherlands

TU Delft *Describes the combination of landscape research and planning, visual perception and Geographic Information Science. This title showcases possible ways of getting a grip on themes like: landscape openness, cluttering of the rural landscape, high-rise buildings in relation to cityscape, historic landscapes and motorway panoramas.*

Autobiography of Sir George Biddell Airy