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Work Rules! Elsevier
Operators, technicians, and engineers will find the information in this manual useful for gaining a basic understanding of the use and application of air valves. A valuable guide for selecting, sizing, locating, and installing air valves in water applications, M51 provides information on air valve types listed in AWWA Standard C512, latest edition, including the following: air-release valve; air/vacuum valve; and combination air valve.

Separations for Biotechnology 2 Academic Press
A completely new editorial team presents a radical revision to this leading critical care text, previously edited by Shoemaker et al. The New Edition delivers today's best coverage of both adult and pediatric critical care, with contributions from an roster of world experts. In addition to numerous new chapters and many extensively rewritten ones, it features a completely new section on commonly encountered problems and a new, more user-friendly organization. Presents only the most essential references within the text, with the rest provided on the enclosed CD-ROM.

More with LeSS CRC Press
The challenge of bioseparations is to isolate and purify identified products from the dilute product broth produced from cell culture. Innovation in bioseparations technology is increasingly driven by the requirements imposed by the growing importance of production on a process scale of injectable-grade products, and economic pressures to improve the efficiency of downstream processing. As in other areas of technical change, science does not necessarily precede new technology: progress results from a complex and messy mixture of advances in understanding, ingenious ideas, novel techniques and chance discoveries. What is certain is that close interaction between academics and practitioners, biological scientists and process engineers is needed to solve the problems of bioseparations. The Second International Conference on Separations for Biotechnology at Reading, UK, in September 1990 set out to provide a critical multidisciplinary forum for the discussion of bioseparations. This volume contains the papers presented at the meeting. The meeting was organised around six themes with oral and poster presentations on the science and practice of bioseparations technology, and the same structure has been kept for this book. We have also included the texts of the keynote review paper by Professor Alan Michaels and the introductory review papers specially commissioned for the conference. Within each part of this book the review paper is followed by the contributed papers grouped alphabetically by their first author. All the original papers published here were accepted for publication after scientific refereeing.

Facilitating Pro-poor Business ProcessingSessional papers. Inventory control record 1The Chemical EngineerThe Trade Marks JournalModern Approaches To Quality Control
Information retrieval systems centrally build upon the concept of relevance in order to rank documents in response to a user's query. Assessing relevance is a non-trivial operation that can be influenced by a multitude of factors that go beyond mere topical overlap with the query. This thesis argues that relevance depends on personal (Chapter 2) and situational (Chapter 3) context. In many use cases, there is no single interpretation of the concept that would optimally satisfy

all users in all possible situations.We postulate that relevance should be explicitly modelled as a composite notion comprised of individual relevance dimensions. To this end, we show how automatic inference schemes based on document content and user activity can be used in order to estimate such constituents of relevance (Chapter 4). Alternatively, we can employ human expertise, harnessed, for example, via commercial crowdsourcing or serious games to judge the degree to which a document satisfies a given set of relevance dimensions (Chapter 5).Finally, we need a model that allows us to estimate the joint distribution of relevance across all previously obtained dimensions. In this thesis, we propose using copulas, a model family originating from the field of quantitative finances that decouples observations and dependency structure and which can account for complex non-linear dependencies among relevance dimensions (Chapter 6).

M51 Duke University Press
In development cooperation there is a trend that the private sector is seen as an integral part of the solution to reduce poverty. As a result pro-poor businesses emerge, involving actors such as private businesses, the public sector, farmer organizations and NGOs. There are some challenges in bringing these different actors together in a social enterprise. Generally, there is a need for a facilitator to align interests, bridge cultural differences, fill gaps in skills, and deal with power differences, wrong expectations and prejudice. The Royal Tropical Institute (KIT) has experience in playing this role. But over time this role has changed from being an advisor with little mandate to act and no ownership to being a full business partner, backed by investment. Through this new role they have achieved more direct influence on the conditions under which smallholders are active participants in business. But other roles are also important. The five cases in this bulletin (ginger in Sierra Leone, tuna in Ghana, organic cocoa on the Dominican Republic, biodiesel in Mali and a trade house in Mali) illustrate that each type of facilitating role has its advantages and disadvantages, and that there are many factors a good facilitator needs to take into account when bringing together the public and private sector and civil society to form a pro-poor business. The hope is that other organizations recognize themselves in these roles and are inspired to make similar (or better) choices so more people will benefit.

Brew Like a Monk Kit Press
Make sure you are thoroughly prepared to work in a clinical lab. Rodak's Hematology: Clinical Principles and Applications, 6th Edition uses hundreds of full-color photomicrographs to help you understand the essentials of hematology. This new edition shows how to accurately identify cells, simplifies hemostasis and thrombosis concepts, and covers normal hematopoiesis through diseases of erythroid, myeloid, lymphoid, and megakaryocytic origins. Easy to follow and understand, this book also covers key topics including: working in a hematology lab; complementary testing areas such as flow cytometry, cytogenetics, and molecular diagnostics; the parts and functions of the cell; and laboratory testing of blood cells and body fluid cells. UPDATED nearly 700 full-color illustrations and photomicrographs make it easier for you to visualize hematology concepts and show what you'll encounter in the lab, with images appearing near their mentions in the text to minimize flipping pages back and forth. UPDATED content throughout text reflects latest information on hematology. Instructions for lab procedures include sources of possible errors along with comments. Hematology instruments are described, compared, and contrasted. Case studies in each chapter provide opportunities to apply hematology concepts to real-life scenarios. Hematology/hemostasis reference ranges are listed on the inside front and back covers for quick reference. A bulleted summary makes it easy for you to review the important points in every chapter. Learning objectives begin each chapter and indicate what you should achieve, with review questions appearing at the end. A glossary of key terms makes it easy to find and learn definitions. NEW! Additional content on cell structure and receptors helps you learn to identify these organisms. NEW! New chapter on Introduction to Hematology Malignancies provides and overview of diagnostic technology and techniques used in the lab.

Units of Analysis in Geographic Criminology BoD – Books on Demand
Discover high-value Azure security insights, tips, and operational optimizations This book presents comprehensive Azure Security Center techniques for safeguarding cloud and hybrid environments. Leading Microsoft security and cloud experts Yuri Diogenes and Dr. Thomas Shinder show how to apply Azure Security Center's full spectrum of features and capabilities to address protection, detection, and response in key operational scenarios. You'll learn how to secure any Azure workload, and optimize virtually all facets of modern security, from policies and identity to incident response and risk management. Whatever your role in Azure security, you'll learn how to save hours, days, or even weeks by solving problems in most efficient, reliable ways possible. Two of Microsoft's leading cloud security experts show how to: • Assess the impact of cloud and hybrid environments on security, compliance, operations, data protection, and risk management • Master a new security paradigm for a world without traditional perimeters • Gain visibility and control to secure compute, network, storage, and application workloads • Incorporate Azure Security Center into your security operations center • Integrate Azure Security Center with Azure AD Identity Protection Center and third-party solutions • Adapt Azure Security Center's built-in policies and definitions for your organization • Perform security assessments and implement Azure Security Center recommendations • Use incident response features to detect, investigate, and address threats • Create high-

fidelity fusion alerts to focus attention on your most urgent security issues • Implement application whitelisting and just-in-time VM access • Monitor user behavior and access, and investigate compromised or misused credentials • Customize and perform operating system security baseline assessments • Leverage integrated threat intelligence to identify known bad actors
Historical War Crimes Trials in Asia Brill Archive
Putting Crime in its Place: Units of Analysis in Geographic Criminology focuses on the units of analysis used in geographic criminology. While crime and place studies have been a part of criminology from the early 19th century, growing interest in crime places over the last two decades demands critical reflection on the units of analysis that should form the focus of geographic analysis of crime. Should the focus be on very small units such as street addresses or street segments, or on larger aggregates such as census tracts or communities? Academic researchers, as well as practical crime analysts, are confronted routinely with the dilemma of deciding what the unit of analysis should be when reporting on trends in crime, when identifying crime hot spots or when mapping crime in cities. In place-based crime prevention, the choice of the level of aggregation plays a particularly critical role. This peer reviewed collection of essays aims to contribute to crime and place studies by making explicit the problems involved in choosing units of analysis in geographic criminology. Written by renowned experts in the field, the chapters in this book address basic academic questions, and also provide real-life examples and applications of how they are resolved in cutting-edge research. Crime analysts in police and law enforcement agencies as well as academic researchers studying the spatial distributions of crime and victimization will learn from the discussions and tools presented.

Contextual Multidimensional Relevance Models Torkel Opsahl Academic EPublisher
Ion Exchange Technology serves both as a reference and as a text book for technologists and engineers. While the present book is based mainly on ion exchange as practiced in the United States, the object was to produce a generally useful book which would deal with the fundamental problems, techniques, and operations of ion exchange such as mass transfer, equipment design, properties of ion exchange resins, and deionization. Also include are chapters on two types of applications—those that are used industrially on a large scale, and those which have not yet reached large-scale use but have impressive potentialities. In both the fundamental and applied chapters it was deemed necessary that the successful aspects of ion exchange operation be included. In addition, it was equally important to describe the problems and the inherent complexities encountered in the setting up of an ion exchange process. Wherever possible the economic factors were described realistically.

Fundamentals, Prediction, Prevention, and Remediation
American Water Works Association
Presents three alternative methods of enhancing delivery & recovery of subsurface fluids: horizontal & inclined wells, induced fractures, & interceptor trenches. Extensive references. Over 100 charts, tables & graphs.
Air-release, Air/vacuum, and Combination Air Valves Elsevier Health Sciences
Discover what makes the heavenly brews of Belgium so good in this new book by long time Real Beer Page Editor Stan Hieronymus. In *Brew Like a Monk*, he details the beers and brewing of the famous Trappist producers along with dozens of others from both Belgium and America. Sip along as you read and, if you feel yourself divinely inspired to brew some of your own, try out the tips and recipes as well!

Practical Carriage and Wagon Painting Elsevier
In Large-Scale Scrum , Craig Larman and Bas Vodde offer the most direct, concise, actionable guide to reaping the full benefits of agile in distributed, global enterprises. Larman and Vodde have distilled their immense experience helping geographically distributed development organizations move to agile. Going beyond their previous books, they offer today's fastest, most focused guidance: "brass tacks" advice and field-proven best practices for achieving value fast, and achieving even more value as you move forward. Targeted to enterprise project participants and stakeholders, Large-Scale Scrum offers straight-to-the-point insights for scaling Scrum across the entire project lifecycle, from sprint planning to retrospective. Larman and Vodde help you: Implement proven Scrum frameworks for large-scale developments Scale requirements, planning, and product management Scale design and architecture Effectively manage defects and interruptions Integrate Scrum into multisite and offshore projects Choose the right adoption strategies and organizational designs This will be the go-to resource for enterprise stakeholders at all levels: everyone who wants to maximize the value of Scrum in large, complex projects.
Sessional papers. Inventory control record 1 Gulf Professional Publishing
From the visionary head of Google's innovative People Operations comes a groundbreaking inquiry into the philosophy of work -- and a blueprint for attracting the most spectacular talent to your business and ensuring that they succeed. "We spend more time working than doing anything else in life. It's not right that the experience of work should be so demotivating

and dehumanizing." So says Laszlo Bock, former head of People Operations at the company that transformed how the world interacts with knowledge. This insight is the heart of Work Rules!, a compelling and surprisingly playful manifesto that offers lessons including: Take away managers' power over employees Learn from your best employees-and your worst Hire only people who are smarter than you are, no matter how long it takes to find them Pay unfairly (it's more fair!) Don't trust your gut: Use data to predict and shape the future Default to open-be transparent and welcome feedback If you're comfortable with the amount of freedom you've given your employees, you haven't gone far enough. Drawing on the latest research in behavioral economics and a profound grasp of human psychology, Work Rules! also provides teaching examples from a range of industries-including lauded companies that happen to be hideous places to work and little-known companies that achieve spectacular results by valuing and listening to their employees. Bock takes us inside one of history's most explosively successful businesses to reveal why Google is consistently rated one of the best places to work in the world, distilling 15 years of intensive worker R&D into principles that are easy to put into action, whether you're a team of one or a team of thousands. Work Rules! shows how to strike a balance between creativity and structure, leading to success you can measure in quality of life as well as market share. Read it to build a better company from within rather than from above; read it to reawaken your joy in what you do.

Industrial Equipment News Springer Science & Business Media This book deals with monitoring and control of biotechnological processes. Different methods are proposed which are based on the nonlinear structure of the process and do not require any a priori knowledge of the fermentation parameters. The theoretical stability and convergence properties of the proposed algorithms are analysed and their performances are illustrated by simulation results and, in many instances, by real life experiments. The concept of software sensors is introduced; these are algorithms based on the nonlinear model of the process and designed for on-line estimation of the biological variables and/or the fermentation parameters. In order to deal with process nonstationarities and parameter uncertainties, reference is made to adaptive estimation and control techniques. The book is the result of an intensive joint research effort by the authors during the last decade. It is intended as a graduate level text for students of bioengineering as well as a reference text for scientists and engineers involved in the design and optimization of bioprocesses.

Separations for Biotechnology Addison-Wesley Professional Why do the Dutch continue to play a central role in the global production, sales, and distribution of flowers? What are the origin and history of the bulb and flower industry in the Netherlands? How are Artificial Intelligence (AI), complex algorithms, and modern distribution systems ensuring that fresh flowers reach their destination on time? This very entertaining and informative book introduces readers to the global flower business, and highlights the surprising factors that helped the Dutch become global leaders on the flower markets. The book reveals the complexity of the flower markets in terms of their ability to produce, transport, and deliver fresh flowers on a global scale. In addition, it explores how information advantage is created by blending business with technology, from robotized glasshouses to the use of AI-driven algorithms for flower production and distribution. In closing, the book presents lessons learned regarding the circular and digital transformation of the high-speed flower business and markets in order to deliver sustainable value for customers. Combining the light beauty of flowers with the harsh language of the digital universe is a masterfully executed task in this book, organized as a bouquet of algorithms, data science, and digital platforms. Mandatory reading for all those interested in the flower business as well as for those who want to know more about the perfume emanating from digital systems. Eduardo Diniz Professor and Head of the Technology and Data Science Department, Escola de Administração de Empresas de São Paulo, Fundação Getulio Vargas, São Paulo, Brazil This unique book leads you through the bulb fields and auctions of the Netherlands, through history, logistics, auction design, and Internet technology, to draw lessons in business management from the study of flowers. With beautiful illustrations. A tour de force. John Kay Economist, Author of Radical Uncertainty and Greed is Dead, and Fellow, St. John’s College, University of Oxford, Oxford, United Kingdom If you want to understand the impact of information and technology on a fascinat- ing industry, this book is a must-read. The author explains in a highly intriguing way how innovations propelled the flower industry from the sixteenth century till today. Whether you are working in the flower industry, a business student, academic, or just intrigued by the business behind flowers, you will enjoy this book! Martin Mocker Professor of Information Systems, ESB Business School, Reutlingen University, Reutlingen, Germany. Research Affiliate, MIT Sloan Center for Information Systems Research, Cambridge, USA

The International Criminal Court and the Pan-Africanist Pushback Hope

Rapid advance have been made in the last decade in the quality control procedures and techniques, most of the existing books try to cover specific techniques with all of their details. The aim of this book is to demonstrate quality control processes in a variety of areas, ranging from pharmaceutical and medical fields to construction engineering and data quality. A wide range of techniques and procedures have been covered.

Alternative Methods for Fluid Delivery and Recovery Microsoft Press

ProcessingSessional papers. Inventory control record 1The Chemical EngineerThe Trade Marks JournalModern Approaches To Quality ControlBoD – Books on Demand **Machine Design** Springer Science & Business Media As global consumption of fossil fuels such as oil increases, previously abundant sources have become depleted or plagued

with obstructions. Asphaltene deposition is one of such obstructions which can significantly decrease the rate of oil production. This book offers concise yet thorough coverage of the complex problem of asphaltene precipitation and deposition in oil production. It covers fundamentals of chemistry, stabilization theories and mechanistic approaches of asphaltene behavior at high temperature and pressure. Asphaltene Deposition: Fundamentals, Prediction, Prevention, and Remediation explains techniques for experimental determination of asphaltene precipitation and deposition and different modeling tools available to forecast the occurrence and magnitude of asphaltene deposition in a given oil field. It discusses strategies for mitigation of asphaltene deposition using chemical inhibition and corresponding challenges, best practices for asphaltene remediation, current research, and case studies.

DIANE Publishing Biochemical Engineering and Biotechnology, 2nd Edition, outlines the principles of biochemical processes and explains their use in the manufacturing of every day products. The author uses a diirect approach that should be very useful for students in following the concepts and practical applications. This book is unique in having many solved problems, case studies, examples and demonstrations of detailed experiments, with simple design equations and required calculations. Covers major concepts of biochemical engineering and biotechnology, including applications in bioprocesses, fermentation technologies, enzymatic processes, and membrane separations, amongst others Accessible to chemical engineering students who need to both learn, and apply, biological knowledge in engineering principals Includes solved problems, examples, and demonstrations of detailed experiments with simple design equations and all required calculations Offers many graphs that present actual experimental data, figures, and tables, along with explanations

Processing W B Saunders Company Since its inception in 2001, the International Criminal Court (ICC) has been met with resistance by various African states and their leaders, who see the court as a new iteration of colonial violence and control. In Affective Justice Kamari Maxine Clarke explores the African Union's pushback against the ICC in order to theorize affect's role in shaping forms of justice in the contemporary period. Drawing on fieldwork in The Hague, the African Union in Addis Ababa, sites of postelection violence in Kenya, and Boko Haram's circuits in Northern Nigeria, Clarke formulates the concept of affective justice—an emotional response to competing interpretations of justice—to trace how affect becomes manifest in judicial practices. By detailing the effects of the ICC’s all-African indictments, she outlines how affective responses to these call into question the "objectivity" of the ICC’s mission to protect those victimized by violence and prosecute perpetrators of those crimes. In analyzing the effects of such cases, Clarke provides a fuller theorization of how people articulate what justice is and the mechanisms through which they do so.