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KEY=STUDY - JANIYAH JAMARI

PROJECT MANAGEMENT

CASE STUDIES

John Wiley & Sons **A new edition of the most popular book of project management case studies, expanded to include more than 100 cases plus a "super case" on the Iridium Project Case studies are an important part of project management education and training. This Fourth Edition of Harold Kerzner's Project Management Case Studies features a number of new cases covering value measurement in project management. Also included is the well-received "super case," which covers all aspects of project management and may be used as a capstone for a course. This new edition: Contains 100-plus case studies drawn from real companies to illustrate both successful and poor implementation of project management Represents a wide range of industries, including medical and pharmaceutical, aerospace, manufacturing, automotive, finance and banking, and telecommunications Covers cutting-edge areas of construction and international project management plus a "super case" on the Iridium Project, covering all aspects of project management Follows and supports preparation for the Project Management Professional (PMP®) Certification Exam Project Management Case Studies, Fourth Edition is a valuable resource for students, as well as practicing engineers and managers, and can be used on its own or with the new Eleventh Edition of Harold Kerzner's landmark reference, Project Management: A Systems Approach to Planning, Scheduling, and Controlling. (PMP and Project**

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USER STORY MAPPING

DISCOVER THE WHOLE STORY, BUILD THE RIGHT PRODUCT

"O'Reilly Media, Inc." **User story mapping is a valuable tool for software development, once you understand why and how to use it. This insightful book examines how this often misunderstood technique can help your team stay focused on users and their needs without getting lost in the enthusiasm for individual product features. Author Jeff Patton shows you how changeable story maps enable your team to hold better conversations about the project throughout the development process. Your team will learn to come away with a shared understanding of what you're attempting to build and why. Get a high-level view of story mapping, with an exercise to learn key concepts quickly Understand how stories really work, and how they come to life in Agile and Lean projects Dive into a story's lifecycle, starting with opportunities and moving deeper into discovery Prepare your stories, pay attention while they're built, and learn from those you convert to working software**

REVENUE MANAGEMENT

HARD-CORE TACTICS FOR MARKET DOMINATION

Currency **From the man the Wall Street Journal hailed as "the guru of Revenue Management" comes revolutionary ways to recover from the after effects of downsizing and refocus your business on growth. Whatever happened to growth? In Revenue Management, Robert G. Cross answers this question with his ground-breaking approach to revitalizing businesses: focusing on the revenue side of the ledger instead of the cost side. The antithesis of slash-and-burn methods that left companies with empty profits and dissatisfied stockholders, Revenue Management overturns conventional thinking on marketing strategies and offers the key to initiating and sustaining growth. Using case studies from a variety of industries, small businesses, and nonprofit organizations, Cross describes no-tech, low-tech, and high-tech methods that managers can use to increase revenue without increasing products or promotions; predict consumer behavior; tap into new markets; and deliver products and services to customers effectively and efficiently. His proven tactics will help any business dramatically improve its bottom line by meeting the challenge of matching supply with demand.**

THERMAL ENERGY

SOURCES, RECOVERY, AND APPLICATIONS

CRC Press **The book details sources of thermal energy, methods of capture, and applications. It describes the basics of thermal energy, including measuring thermal energy, laws of thermodynamics that govern its use and transformation, modes of thermal energy, conventional processes, devices and materials, and the methods by which it is transferred. It covers 8 sources of thermal energy: combustion, fusion (solar) fission (nuclear), geothermal, microwave, plasma, waste heat, and thermal energy storage. In each case, the methods of production and capture and its uses are described in detail. It also discusses novel processes and devices used to improve transfer and transformation processes.**

LATEX BEGINNER'S GUIDE

Packt Publishing Ltd **Create high-quality and professional-looking texts, articles, and books for Business and Science using LaTeX.**

GUIDE FOR THE CARE AND USE OF LABORATORY ANIMALS

EIGHTH EDITION

National Academies Press **A respected resource for decades, the Guide for the Care and Use of Laboratory Animals has been updated by a committee of experts, taking into consideration input from the scientific and laboratory animal communities and the public at large. The Guide incorporates new scientific information on common laboratory animals, including aquatic species, and includes extensive references. It is organized around major components of animal use: Key concepts of animal care and use. The Guide sets the framework for the humane care and use of laboratory animals. Animal care and use program. The Guide discusses the concept of a broad Program of Animal Care and Use, including roles and responsibilities of the Institutional Official, Attending Veterinarian and the Institutional Animal Care and Use Committee. Animal environment, husbandry, and management. A chapter on this topic is now divided into sections on terrestrial and aquatic animals and provides recommendations for housing and environment, husbandry, behavioral and population management, and more. Veterinary care. The Guide discusses veterinary care and the**

responsibilities of the Attending Veterinarian. It includes recommendations on animal procurement and transportation, preventive medicine (including animal biosecurity), and clinical care and management. The Guide addresses distress and pain recognition and relief, and issues surrounding euthanasia. Physical plant. The Guide identifies design issues, providing construction guidelines for functional areas; considerations such as drainage, vibration and noise control, and environmental monitoring; and specialized facilities for animal housing and research needs. The Guide for the Care and Use of Laboratory Animals provides a framework for the judgments required in the management of animal facilities. This updated and expanded resource of proven value will be important to scientists and researchers, veterinarians, animal care personnel, facilities managers, institutional administrators, policy makers involved in research issues, and animal welfare advocates.

CERAMIC FIBERS AND COATINGS

ADVANCED MATERIALS FOR THE TWENTY-FIRST CENTURY

National Academies Press High-temperature ceramic fibers are the key components of ceramic matrix composites (CMCs). Ceramic fiber properties (strength, temperature and creep resistance, for example)-along with the debonding characteristics of their coatings-determine the properties of CMCs. This report outlines the state of the art in high-temperature ceramic fibers and coatings, assesses fibers and coatings in terms of future needs, and recommends promising avenues of research. CMCs are also discussed in this report to provide a context for discussing high-temperature ceramic fibers and coatings.

GREEN TOXICOLOGY

MAKING CHEMICALS BENIGN BY DESIGN

Royal Society of Chemistry Green toxicology is an integral part of green chemistry. One of the key goals of green chemistry is to design less toxic chemicals. Therefore, an understanding of toxicology and hazard assessment is important for any chemist working in green chemistry, but toxicology is rarely part of most chemists' education. As a consequence, chemists lack the toxicological lens necessary to view chemicals in order to design safer substitutions. This book seeks to fill that gap and demonstrate how a basic understanding of toxicology, as well as the tools of in silico and in vitro toxicology, can be an integral part of green chemistry. R&D chemists, product stewards, and

toxicologists who work in the field of sustainability, can all benefit from integrating green toxicology principles into their work. Topics include in silico tools for hazard assessment, toxicity testing, and lifecycle considerations, this book aims to act as a bridge between green toxicologists and green chemists.

ANIMAL EXPERIMENTATION

WORKING TOWARDS A PARADIGM CHANGE

Human-Animal Studies **Animal Experimentation: Working Towards a Paradigm Change** critically appraises current animal use in science and discusses ways in which we can contribute to a paradigm change towards human-biology based approaches.

ALTERNATIVES TO ANIMAL TESTING

PROCEEDINGS OF ASIAN CONGRESS 2016

Springer This open access book presents recent advances in the pure sciences that are of significance in the quest for alternatives to the use of animals in research and describes a variety of practical applications of the three key guiding principles for the more ethical use of animals in experiments - replacement, reduction, and refinement, collectively known as the 3Rs. Important examples from across the world of implementation of the 3Rs in the testing of cosmetics, chemicals, pesticides, and biologics, including vaccines, are described, with additional information on relevant regulations. The coverage also encompasses emerging approaches to alternative tests and the 3Rs. The book is based on the most informative contributions delivered at the Asian Congress 2016 on Alternatives and Animal Use in the Life Sciences. It will be of value for those working in R&D, for graduate students, and for educators in various fields, including the pharmaceutical and cosmetic sciences, pharmacology, toxicology, and animal welfare. The free, open access distribution of Alternatives to Animal Testing is enabled by the Creative Commons Attribution license in International version 4: CC BY 4.0.

INTERNATIONAL AEROSPACE ABSTRACTS

ADVANCED LIGHT ALLOYS AND COMPOSITES

Springer Science & Business Media An expert exposition of the structural and mechanical properties of light alloys and composites, bridging the gap between scientists and industrial engineers in its consideration of advanced light materials, their structure, properties, technology and application. Includes basic problems of alloy constitution and phase transformations. The aluminium alloys are the main topic of the book, consideration being given to their properties, casting technology, thermomechanical treatment and structure. Attention is also given to the magnesium alloys, particularly those having rare earth metal constituents. Both commercial titanium alloys and intermetallic compounds are discussed, as are metallic composites. The latest engineering techniques are discussed in both theoretical and practical terms.

ARTIFICIAL INTELLIGENCE IN DATA MINING

THEORIES AND APPLICATIONS

Academic Press **Artificial Intelligence in Data Mining: Theories and Applications** offers a comprehensive introduction to data mining theories, relevant AI techniques, and their many real-world applications. This book is written by experienced engineers for engineers, biomedical engineers, and researchers in neural networks, as well as computer scientists with an interest in the area. Provides coverage of the fundamentals of Artificial Intelligence as applied to data mining, including computational intelligence and unsupervised learning methods for data clustering Presents coverage of key topics such as heuristic methods for data clustering, deep learning methods for data classification, and neural networks Includes case studies and real-world applications of AI techniques in data mining, for improved outcomes in clinical diagnosis, satellite data extraction, agriculture, security and defense

LEAN SOFTWARE DEVELOPMENT

AN AGILE TOOLKIT: AN AGILE TOOLKIT

Addison-Wesley **Lean Software Development: An Agile Toolkit** Adapting agile practices to your development organization Uncovering and eradicating waste throughout the software development lifecycle Practical techniques for every development manager, project manager, and technical leader **Lean software development: applying agile principles to**

your organization In *Lean Software Development*, Mary and Tom Poppendieck identify seven fundamental "lean" principles, adapt them for the world of software development, and show how they can serve as the foundation for agile development approaches that work. Along the way, they introduce 22 "thinking tools" that can help you customize the right agile practices for any environment. Better, cheaper, faster software development. You can have all three-if you adopt the same lean principles that have already revolutionized manufacturing, logistics and product development. Iterating towards excellence: software development as an exercise in discovery Managing uncertainty: "decide as late as possible" by building change into the system. Compressing the value stream: rapid development, feedback, and improvement Empowering teams and individuals without compromising coordination Software with integrity: promoting coherence, usability, fitness, maintainability, and adaptability How to "see the whole"-even when your developers are scattered across multiple locations and contractors Simply put, *Lean Software Development* helps you refocus development on value, flow, and people-so you can achieve breakthrough quality, savings, speed, and business alignment.

BUSINESS MODEL GENERATION

A HANDBOOK FOR VISIONARIES, GAME CHANGERS, AND CHALLENGERS

John Wiley & Sons **Business Model Generation** is a handbook for visionaries, game changers, and challengers striving to defy outmoded business models and design tomorrow's enterprises. If your organization needs to adapt to harsh new realities, but you don't yet have a strategy that will get you out in front of your competitors, you need **Business Model Generation**. Co-created by 470 "Business Model Canvas" practitioners from 45 countries, the book features a beautiful, highly visual, 4-color design that takes powerful strategic ideas and tools, and makes them easy to implement in your organization. It explains the most common Business Model patterns, based on concepts from leading business thinkers, and helps you reinterpret them for your own context. You will learn how to systematically understand, design, and implement a game-changing business model--or analyze and renovate an old one. Along the way, you'll understand at a much deeper level your customers, distribution channels, partners, revenue streams, costs, and your core value proposition. **Business Model Generation** features practical innovation techniques used today by leading consultants and companies worldwide, including 3M, Ericsson, Capgemini, Deloitte, and others. Designed for doers, it is for those ready to abandon outmoded thinking and embrace new models of value creation: for executives, consultants, entrepreneurs, and leaders of all organizations. If you're ready to change the rules, you belong to "the

business model generation!"

THE PRACTITIONER'S GUIDE TO DATA QUALITY IMPROVEMENT

Elsevier **The Practitioner's Guide to Data Quality Improvement offers a comprehensive look at data quality for business and IT, encompassing people, process, and technology. It shares the fundamentals for understanding the impacts of poor data quality, and guides practitioners and managers alike in socializing, gaining sponsorship for, planning, and establishing a data quality program. It demonstrates how to institute and run a data quality program, from first thoughts and justifications to maintenance and ongoing metrics. It includes an in-depth look at the use of data quality tools, including business case templates, and tools for analysis, reporting, and strategic planning. This book is recommended for data management practitioners, including database analysts, information analysts, data administrators, data architects, enterprise architects, data warehouse engineers, and systems analysts, and their managers. Offers a comprehensive look at data quality for business and IT, encompassing people, process, and technology. Shows how to institute and run a data quality program, from first thoughts and justifications to maintenance and ongoing metrics. Includes an in-depth look at the use of data quality tools, including business case templates, and tools for analysis, reporting, and strategic planning.**

INTERNATIONAL ENCYCLOPEDIA OF HOSPITALITY MANAGEMENT

Butterworth-Heinemann **The International Encyclopedia of Hospitality Management is the definitive reference work for any individual studying or working in the hospitality industry. This new edition updates and significantly revises 25% of the entries and has an additional 20 new entries. New online material makes it the most up-to-date and accessible Hospitality Management encyclopedia on the market. It covers all of the relevant issues in the field of hospitality management from both a sectoral level: Lodging, Restaurants/Food service, Time-share, Clubs and Events as well as a functional one: Accounting & Finance, Marketing, Strategic Management, Human Resources, Information Technology and Facilities Management. Its unique user-friendly structure enables readers to find exactly the information they require at a glance; whether they require broad detail which takes a more crosssectional view across each subject field, or more focused information which looks closely at specific topics and issues within the hospitality industry today.**

EXPLORATION OF THE SEAS

VOYAGE INTO THE UNKNOWN

National Academies Press In the summer of 1803, Thomas Jefferson sent Meriwether Lewis and William Clark on a journey to establish an American presence in a land of unqualified natural resources and riches. Is it fitting that, on the 200th anniversary of that expedition, the United States, together with international partners, should embark on another journey of exploration in a vastly more extensive region of remarkable potential for discovery. Although the oceans cover more than 70 percent of our planet's surface, much of the ocean has been investigated in only a cursory sense, and many areas have not been investigated at all. Exploration of the Seas assesses the feasibility and potential value of implementing a major, coordinated, international program of ocean exploration and discovery. The study committee surveys national and international ocean programs and strategies for cooperation between governments, institutions, and ocean scientists and explorers, identifying strengths, weaknesses, and gaps in these activities. Based primarily on existing documents, the committee summarizes priority areas for ocean research and exploration and examines existing plans for advancing ocean exploration and knowledge.

OECD GUIDELINES FOR THE TESTING OF CHEMICALS, SECTION 4 TEST NO. 423: ACUTE ORAL TOXICITY - ACUTE TOXIC CLASS METHOD

OECD Publishing This is a test guideline for testing for Acute Oral Toxicity using the Acute Toxic Class Method.

LEX & YACC

"O'Reilly Media, Inc." Shows programmers how to use two UNIX utilities, lex and yacc, in program development. The second edition contains completely revised tutorial sections for novice users and reference sections for advanced users. This edition is twice the size of the first, has an expanded index, and covers Bison and Flex.

CROSSING THE CHASM

MARKETING AND SELLING TECHNOLOGY PROJECT

Harper Collins Here is the bestselling guide that created a new game plan for marketing in high-tech industries. Crossing

the Chasm has become the bible for bringing cutting-edge products to progressively larger markets. This edition provides new insights into the realities of high-tech marketing, with special emphasis on the Internet. It's essential reading for anyone with a stake in the world's most exciting marketplace.

EFFECTIVE DEVOPS

BUILDING A CULTURE OF COLLABORATION, AFFINITY, AND TOOLING AT SCALE

"O'Reilly Media, Inc." Some companies think that adopting devops means bringing in specialists or a host of new tools. With this practical guide, you'll learn why devops is a professional and cultural movement that calls for change from inside your organization. Authors Ryn Daniels and Jennifer Davis provide several approaches for improving collaboration within teams, creating affinity among teams, promoting efficient tool usage in your company, and scaling up what works throughout your organization's inflection points. Devops stresses iterative efforts to break down information silos, monitor relationships, and repair misunderstandings that arise between and within teams in your organization. By applying the actionable strategies in this book, you can make sustainable changes in your environment regardless of your level within your organization. Explore the foundations of devops and learn the four pillars of effective devops Encourage collaboration to help individuals work together and build durable and long-lasting relationships Create affinity among teams while balancing differing goals or metrics Accelerate cultural direction by selecting tools and workflows that complement your organization Troubleshoot common problems and misunderstandings that can arise throughout the organizational lifecycle Learn from case studies from organizations and individuals to help inform your own devops journey

INSPIRED

HOW TO CREATE TECH PRODUCTS CUSTOMERS LOVE

John Wiley & Sons How do today's most successful tech companies—Amazon, Google, Facebook, Netflix, Tesla—design, develop, and deploy the products that have earned the love of literally billions of people around the world? Perhaps surprisingly, they do it very differently than the vast majority of tech companies. In *INSPIRED*, technology product management thought leader Marty Cagan provides readers with a master class in how to structure and staff a vibrant and successful product organization, and how to discover and deliver technology products that your customers will

love—and that will work for your business. With sections on assembling the right people and skillsets, discovering the right product, embracing an effective yet lightweight process, and creating a strong product culture, readers can take the information they learn and immediately leverage it within their own organizations—dramatically improving their own product efforts. Whether you're an early stage startup working to get to product/market fit, or a growth-stage company working to scale your product organization, or a large, long-established company trying to regain your ability to consistently deliver new value for your customers, **INSPIRED** will take you and your product organization to a new level of customer engagement, consistent innovation, and business success. Filled with the author's own personal stories—and profiles of some of today's most-successful product managers and technology-powered product companies, including Adobe, Apple, BBC, Google, Microsoft, and Netflix—**INSPIRED** will show you how to turn up the dial of your own product efforts, creating technology products your customers love. The first edition of **INSPIRED**, published ten years ago, established itself as the primary reference for technology product managers, and can be found on the shelves of nearly every successful technology product company worldwide. This thoroughly updated second edition shares the same objective of being the most valuable resource for technology product managers, yet it is completely new—sharing the latest practices and techniques of today's most-successful tech product companies, and the men and women behind every great product.

INTRODUCTION TO AUTONOMOUS MOBILE ROBOTS, SECOND EDITION

MIT Press The second edition of a comprehensive introduction to all aspects of mobile robotics, from algorithms to mechanisms. Mobile robots range from the Mars Pathfinder mission's teleoperated Sojourner to the cleaning robots in the Paris Metro. This text offers students and other interested readers an introduction to the fundamentals of mobile robotics, spanning the mechanical, motor, sensory, perceptual, and cognitive layers the field comprises. The text focuses on mobility itself, offering an overview of the mechanisms that allow a mobile robot to move through a real world environment to perform its tasks, including locomotion, sensing, localization, and motion planning. It synthesizes material from such fields as kinematics, control theory, signal analysis, computer vision, information theory, artificial intelligence, and probability theory. The book presents the techniques and technology that enable mobility in a series of interacting modules. Each chapter treats a different aspect of mobility, as the book moves from low-level to high-level details. It covers all aspects of mobile robotics, including software and hardware design considerations, related technologies, and algorithmic techniques. This second edition has been revised and updated throughout, with 130 pages of new material on such topics as locomotion, perception, localization, and planning and

navigation. Problem sets have been added at the end of each chapter. Bringing together all aspects of mobile robotics into one volume, *Introduction to Autonomous Mobile Robots* can serve as a textbook or a working tool for beginning practitioners. Curriculum developed by Dr. Robert King, Colorado School of Mines, and Dr. James Conrad, University of North Carolina-Charlotte, to accompany the National Instruments LabVIEW Robotics Starter Kit, are available. Included are 13 (6 by Dr. King and 7 by Dr. Conrad) laboratory exercises for using the LabVIEW Robotics Starter Kit to teach mobile robotics concepts.

INFORMATION ARCHITECTURE FOR THE WORLD WIDE WEB

"O'Reilly Media, Inc." Discusses Web site hierarchy, usability, navigation systems, content labeling, configuring search systems, and managing the information architecture development process.

MANAGEMENT OF ANIMAL CARE AND USE PROGRAMS IN RESEARCH, EDUCATION, AND TESTING

CRC Press AAP Prose Award Finalist 2018/19 *Management of Animal Care and Use Programs in Research, Education, and Testing, Second Edition* is the extensively expanded revision of the popular *Management of Laboratory Animal Care and Use Programs* book published earlier this century. Following in the footsteps of the first edition, this revision serves as a first line management resource, providing for strong advocacy for advancing quality animal welfare and science worldwide, and continues as a valuable seminal reference for those engaged in all types of programs involving animal care and use. The new edition has more than doubled the number of chapters in the original volume to present a more comprehensive overview of the current breadth and depth of the field with applicability to an international audience. Readers are provided with the latest information and resource and reference material from authors who are noted experts in their field. The book: - Emphasizes the importance of developing a collaborative culture of care within an animal care and use program and provides information about how behavioral management through animal training can play an integral role in a veterinary health program - Provides a new section on Environment and Housing, containing chapters that focus on management considerations of housing and enrichment delineated by species - Expands coverage of regulatory oversight and compliance, assessment, and assurance issues and processes, including a greater discussion of globalization and harmonizing cultural and regulatory issues - Includes more in-depth treatment throughout the book of critical topics in program management, physical plant, animal health, and husbandry. Biomedical research using animals requires administrators and managers who are knowledgeable and

highly skilled. They must adapt to the complexity of rapidly-changing technologies, balance research goals with a thorough understanding of regulatory requirements and guidelines, and know how to work with a multi-generational, multi-cultural workforce. This book is the ideal resource for these professionals. It also serves as an indispensable resource text for certification exams and credentialing boards for a multitude of professional societies. Co-publishers on the second edition are: ACLAM (American College of Laboratory Animal Medicine); ECLAM (European College of Laboratory Animal Medicine); IACLAM (International Colleges of Laboratory Animal Medicine); JCLAM (Japanese College of Laboratory Animal Medicine); KCLAM (Korean College of Laboratory Animal Medicine); CALAS (Canadian Association of Laboratory Animal Medicine); LAMA (Laboratory Animal Management Association); and IAT (Institute of Animal Technology).

THE ETHICS OF RESEARCH INVOLVING ANIMALS

A report of the Nuffield Council on Bioethics working party investigating the ethical issues of research involving animals.

UPGRADING TO COMPETE

GLOBAL VALUE CHAINS, CLUSTERS, AND SMES IN LATIN AMERICA

Harvard Univ David Rockefeller Can local markets and clusters represent a powerful alternative to global markets? Do transnational corporations and global buyers enhance or undermine local firms' upgrading and learning? Using original empirical evidence from several clusters in Latin America, *Upgrading to Compete* shows that both local and global dimensions matter at once.

PYROGENS

ENDOTOXINS, LAL TESTING, AND DEPYROGENATION

Marcel Dekker Incorporated

RABBIT PRODUCTION

THE EXPOSOME

A PRIMER

Elsevier **The Exposome: A Primer** is the first book dedicated to exposomics, detailing the purpose and scope of this emerging field of study, its practical applications and how it complements a broad range of disciplines. Genetic causes account for up to a third of all complex diseases. (As genomic approaches improve, this is likely to rise.) Environmental factors also influence human disease but, unlike with genetics, there is no standard or systematic way to measure the influence of environmental exposures. The exposome is an emerging concept that hopes to address this, measuring the effects of life-long environmental exposures on health and how these exposures can influence disease. This systematic introduction considers topics of managing and integrating exposome data (including maps, models, computation, and systems biology), "-omics"-based technologies, and more. Both students and scientists in disciplines including toxicology, environmental health, epidemiology, and public health will benefit from this rigorous yet readable overview.

OECD GUIDELINES FOR THE TESTING OF CHEMICALS, SECTION 4 TEST NO. 471: BACTERIAL REVERSE MUTATION TEST

OECD Publishing **The bacterial reverse mutation test** uses amino-acid requiring at least five strains of *Salmonella typhimurium* and *Escherichia coli* to detect point mutations by base substitutions or frameshifts. The principle of this bacterial reverse mutation test ...

A CLASS APPROACH TO HAZARD ASSESSMENT OF ORGANOHALOGEN FLAME RETARDANTS

National Academies Press **In the 1970s, flame retardants began to be added to synthetic materials to meet strict flammability standards. Over the years, diverse flame retardants have been manufactured and used in various products. Some flame retardants have migrated out of the products, and this has led to widespread human exposure and environmental contamination. There also is mounting evidence that many flame retardants are associated with adverse human health effects. As a result, some flame retardants have been banned, restricted, or voluntarily phased out of production and use. This publication develops a scientifically based scoping plan to assess additive, nonpolymeric organohalogen flame retardants as a class for potential chronic health hazards under the Federal**

Hazardous Substances Act, including cancer, birth defects, and gene mutations.

VETERINARY ANESTHESIA AND ANALGESIA

THE FIFTH EDITION OF LUMB AND JONES

John Wiley & Sons **Veterinary Anesthesia and Analgesia: the Fifth Edition of Lumb and Jones** is a reorganized and updated edition of the gold-standard reference for anesthesia and pain management in veterinary patients. Provides a thoroughly updated edition of this comprehensive reference on veterinary anesthesia and analgesia, combining state-of-the-art scientific knowledge and clinically relevant information Covers immobilization, sedation, anesthesia, and analgesia of companion, wild, zoo, and laboratory animals Takes a body systems approach for easier reference to information about anesthetizing patients with existing conditions Adds 10 completely new chapters with in-depth discussions of perioperative heat balance, coagulation disorders, pacemaker implantation, cardiac output measurement, cardiopulmonary bypass, shelter anesthesia and pain management, anesthetic risk assessment, principles of anesthetic pharmacology, and more Now printed in color, with more than 400 images

AORTIC ANEURYSMS

PATHOGENESIS AND TREATMENT

Springer Science & Business Media As life expectancy is extended, the incidence and occurrence of Aortic Aneurysms are becoming increasingly common. Until recently, the treatment of aortic disease was primarily surgical, carrying a high mortality rate among the high risk elderly population. In **Aortic Aneurysms: Pathogenesis and Treatment**, Gilbert R. Upchurch Jr., Enrique Criado, and a panel of distinguished physicians comprehensively assess the rapidly evolving field of aneurysm treatment, focusing on aneurysms of the descending thoracic and abdominal aorta. The discussion of Aortic Aneurysms covers endovascular aortic repair as well as the recent significant improvements in stent graft design. This volume provides a concise and authoritative view of the current state of patient management, serving as a primer on clinical care and surgical procedures for aortic aneurysms. Comprehensive and up-to-date, **Aortic Aneurysms: Pathogenesis and Treatment**, offers Cardiologists, Vascular Surgeons, and Thoracic and Cardiac Surgeons a multidisciplinary approach to the management and treatment of patients with aortic disease.

THE ILLUSION OF RISK CONTROL

WHAT DOES IT TAKE TO LIVE WITH UNCERTAINTY?

Springer This book is open access under a CC BY 4.0 license. This book explores the implications of acknowledging uncertainty and black swans for regulation of high-hazard technologies, for stakeholder acceptability of potentially hazardous activities and for risk governance. The conventional approach to risk assessment, which combines the likelihood of an event and the severity of its consequences, is poorly suited to situations where uncertainty and ambiguity are prominent features of the risk landscape. The new definition of risk used by ISO, “the effect of uncertainty on [achievement of] one’s objectives”, recognizes this paradigm change. What lessons can we draw from the management of fire hazards in Edo-era Japan? Are there situations in which increasing uncertainty allows more effective safety management? How should society address the risk of potentially planet-destroying scientific experiments? This book presents insights from leading scholars in different disciplines to challenge current risk governance and safety management practice.

REFRATORIES HANDBOOK

CRC Press This comprehensive reference details the technical, chemical, and mechanical aspects of high-temperature refractory composite materials for step-by-step guidance on the selection of the most appropriate system for specific manufacturing processes. The book surveys a wide range of lining system geometries and material combinations and covers a broad

ANIMAL CARE AND USE COMMITTEES

EXTREME PROGRAMMING EXPLAINED

EMBRACE CHANGE

Pearson Education The first edition of "Extreme Programming Explained" is a classic. It won awards for its then-radical ideas for improving small-team development, such as having developers write automated tests for their own code and having the whole team plan weekly. Much has changed in five years. This completely rewritten second edition expands

the scope of XP to teams of any size by suggesting a program of continuous improvement based on: five core values consistent with excellence in software development; eleven principles for putting those values into action; and, thirteen primary and eleven corollary practices to help you push development past its current business and technical limitations. Whether you have a small team that is already closely aligned with your customers or a large team in a gigantic or multinational organization, you will find in these pages a wealth of ideas to challenge, inspire, and encourage you and your team members to substantially improve your software development.

REGIME OF OBSTRUCTION

HOW CORPORATE POWER BLOCKS ENERGY DEMOCRACY

Athabasca University Press **Rapidly rising carbon emissions from the intense development of Western Canada's fossil fuels continue to aggravate the global climate emergency and destabilize democratic structures. The urgency of the situation demands not only scholarly understanding, but effective action. Regime of Obstruction aims to make visible the complex connections between corporate power and the extraction and use of carbon energy. Edited by William Carroll, this rigorous collection presents research findings from the first three years of the seven-year, SSHRC-funded partnership, the Corporate Mapping Project. Anchored in sociological and political theory, this comprehensive volume provides hard data and empirical research that traces the power and influence of the fossil fuel industry through economics, politics, media, and higher education. Contributors demonstrate how corporations secure popular consent, and coopt, disorganize, or marginalize dissenting perspectives to position the fossil fuel industry as a national public good. They also investigate the difficult position of Indigenous communities who, while suffering the worst environmental and health impacts from carbon extraction, must fight for their land or participate in fossil capitalism to secure income and jobs. The volume concludes with a look at emergent forms of activism and resistance, spurred by the fact that a just energy transition is still feasible. This book provides essential context to the climate crisis and will transform discussions of energy democracy. Contributions by Laurie Adkin, Angele Alook, Clifford Atleo, Emilia Belliveau-Thompson, John Bermingham, Paul Bowles, Gwendolyn Blue, Shannon Daub, Jessica Dempsey, Emily Eaton, Chuka Ejeckam, Simon Enoch, Nick Graham, Shane Gunster, Mark Hudson, Jouke Huizer, Ian Hussey, Emma Jackson, Michael Lang, James Lawson, Marc Lee, Fiona MacPhail, Alicia Massie, Kevin McCartney, Bob Neubauer, Eric Pineault, Lise Margaux Rajewicz, James Rowe, JP Sapinsky, Karena Shaw, and Zoe Yunker.**