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Handbook of Aqueous Electrolyte Thermodynamics World Health Organization  
Open Agile Architecture™, a standard of The Open Group, offers an approach to architect at scale with agility. It provides guidance and best practices for Enterprise Architects seeking to transition into Agile and Digital contexts. Empowering an Enterprise to Succeed with its Digital-Agile Transformation Agile teams drive the enterprise 's Digital Transformation by inventing new

business models, delivering superior customer experiences, developing digital products, and architecting highly-automated operating systems. The Open Agile Architecture Standard was designed keeping the needs of all business stakeholders in mind:

- Business Leaders – to drive the enterprise 's Digital and Agile change journey
- Enterprise Architects – to extend their scope of influence in an Agile at scale world
- Product Managers – to help transform customer experience, innovate products, and generate growth
- Product Owners – to accelerate their transformation from managing feature backlogs to steering value delivery
- Operations Managers – to enable them to leverage Lean and automation to generate sustainable competitive advantages
- Software

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Engineers – to leverage the power of digital technologies to co-innovate with the business. The more Agile the enterprise, the faster the learning cycles, and faster learning cycles translate to shorter time-to-market resulting in more agility. By adopting an Open Agile Architecture approach, your organization can capitalize on this accelerated learning cycle, meaning your Agile and Digital capabilities continuously and simultaneously co-create one another.

Who Owns Whom DIANE Publishing

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

*Fox and McDonald's Introduction to Fluid Mechanics* National Academies Press

Specifically focusing on fluid film, hydrodynamic, and elastohydrodynamic lubrication, this edition studies the most important principles of fluid film lubrication for the correct design of bearings, gears, and rolling operations, and for the prevention of friction and wear in engineering designs. It explains various theories, procedures, and equations for improved solutions to machining challenges. Providing more than 1120 display equations and an introductory section in each chapter, *Fundamentals of Fluid Film Lubrication, Second Edition* facilitates the analysis of any machine element that uses fluid film lubrication and strengthens understanding of critical design concepts.

Performance of the States d&a hi-tech information Ltd.

Expertise in electrolyte systems has become increasingly important in traditional CPI

operations, as well as in oil/gas exploration and production. This book is the source for predicting electrolyte systems behavior, an indispensable "do-it-yourself" guide, with a blueprint for formulating predictive mathematical electrolyte models, recommended tabular values to use in these models, and annotated bibliographies. The final chapter is a general recipe for formulating complete predictive models for electrolytes, along with a series of worked illustrative examples. It can serve as a useful research and application tool for the practicing process engineer, and as a textbook for the chemical engineering student.

*Relieving Pain in America* Ballantine Books

Why have we humans always longed to connect with something larger than ourselves? Why does consciousness inevitably involve us in a spiritual quest? Why, in short, won't God go away? Theologians, philosophers, and psychologists have debated this question through the ages, arriving at a range of contradictory and ultimately unprovable answers. But in this brilliant, groundbreaking new book, researchers Andrew Newberg and Eugene d'Aquili offer an explanation that is at once profoundly simple and scientifically precise: the religious impulse is rooted in the biology of the brain. Newberg and d'Aquili base this revolutionary conclusion on a long-term investigation of brain function and behavior as well as studies they conducted using high-tech imaging techniques to examine the brains of meditating Buddhists and Franciscan nuns at prayer. What they discovered was that intensely focused spiritual contemplation triggers an alteration in the activity of the brain that leads us to perceive transcendent religious experiences as solid and tangibly real. In other words, the sensation that Buddhists call "oneness with the universe" and the Franciscans attribute to the palpable presence of God is not a delusion or a manifestation of wishful thinking but rather a chain of neurological events that can be objectively

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observed, recorded, and actually photographed. The inescapable conclusion is that God is hard-wired into the human brain. In *Why God Won't Go Away*, Newberg and d'Aquili document their pioneering explorations in the field of neurotheology, an emerging discipline dedicated to understanding the complex relationship between spirituality and the brain. Along the way, they delve into such essential questions as whether humans are biologically compelled to make myths; what is the evolutionary connection between religious ecstasy and sexual orgasm; what do Near Death Experiences reveal about the nature of spiritual phenomena; and how does ritual create its own neurological environment. As their journey unfolds, Newberg and d'Aquili realize that a single, overarching question lies at the heart of their pursuit: Is religion merely a product of biology or has the human brain been mysteriously endowed with the unique capacity to reach and know God? Blending cutting-edge science with illuminating insights into the nature of consciousness and spirituality, *Why God Won't Go Away* bridges faith and reason, mysticism and empirical data. The neurological basis of how the brain identifies the "real" is nothing short of miraculous. This fascinating, eye-opening book dares to explore both the miracle and the biology of our enduring relationship with God.

A Place for Zero DIANE Publishing

Research in string theory has generated a rich interaction with algebraic geometry, with exciting work that includes the Strominger-Yau-Zaslow conjecture. This monograph builds on lectures at the 2002 Clay School on Geometry and String Theory that sought to bridge the gap between the languages of string theory and algebraic geometry.

Advanced Antenna Theory National Academies Press

This book presents selected tutorial lectures given at the summer school on Multi-Agent Systems and Their Applications held in Prague, Czech Republic, in July 2001 under

the sponsorship of ECCAI and Agent Link.

The 20 lectures by leading researchers in the field presented in the book give a competent state-of-the-art account of research and development in the field of multi-agent systems and advanced applications. The book offers parts on foundations of MAS; social behaviour, meta-reasoning, and learning; and applications.

Electromagnetic Noise and Quantum Optical Measurements DIANE Publishing  
Discover biomolecular engineering technologies for the production of biofuels, pharmaceuticals, organic and amino acids, vitamins, biopolymers, surfactants, detergents, and enzymes In *Biomolecular Engineering Solutions for Renewable Specialty Chemicals*, distinguished researchers and editors Drs. R. Navanietha Krishnaraj and Rajesh K. Sani deliver a collection of insightful resources on advanced technologies in the synthesis and purification of value-added compounds.

Readers will discover new technologies that assist in the commercialization of the production of value-added products. The editors also include resources that offer strategies for overcoming current limitations in biochemical synthesis, including purification. The articles within cover topics like the rewiring of anaerobic microbial processes for methane and hythane production, the extremophilic bioprocessing of wastes to biofuels, reverse methanogenesis of methane to biopolymers and value-added products, and more. The book presents advanced concepts and biomolecular engineering technologies for the production of high-value, low-volume products, like therapeutic molecules, and describes methods for improving microbes and enzymes using protein engineering,

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metabolic engineering, and systems biology approaches for converting wastes. Readers will also discover: A thorough introduction to engineered microorganisms for the production of biocommodities and microbial production of vanillin from ferulic acid Explorations of antibiotic trends in microbial therapy, including current approaches and future prospects, as well as fermentation strategies in the food and beverage industry Practical discussions of bioactive oligosaccharides, including their production, characterization, and applications In-depth treatments of biopolymers, including a retrospective analysis in the facets of biomedical engineering Perfect for researchers and practicing professionals in the areas of environmental and industrial biotechnology, biomedicine, and the biological sciences, Biomolecular Engineering Solutions for Renewable Specialty Chemicals is also an invaluable resource for students taking courses involving biorefineries, biovalorization, industrial biotechnology, and environmental biotechnology.

Advances in Chemical Engineering III  
American Mathematical Soc.

The book provides up-to-date and easy to understand information on airway management with special emphasis on practical management along with required theory background and key points. It covers all aspects of airway management including education, training, audit, controversies, recent advances, case discussion, etc. The book covers all the techniques of airway management like the use of video laryngoscopy, fibre-optic intubation, and retrograde intubation. Further, the book includes a chapter on airway management during transmittable infectious diseases, such as COVID-19. The book also includes separate chapters on the available guidelines; discussion

of interesting cases; neonatal airway; and out of hospital airway management. The book is written by experienced authors keeping in mind the unique problems and situations related to this specialized and vital area of patient management. It presents summary and key points in each chapter. Overall, this book provides practical, specialty oriented and patient centered approach to airway management. The book is a useful resource for postgraduate students, residents and fellows in anesthesia, emergency medicine, critical care medicine. It is also relevant for anesthesiologists, intensivists, emergency physicians and internal medicine physicians.

Gender and Representation in Latin America  
National Academies Press

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

Designing a World-Class Architecture Firm  
Cambridge University Press

Chronic pain costs the nation up to \$635 billion each year in medical treatment and lost productivity. The 2010 Patient Protection and Affordable Care Act required the Department of Health and Human Services (HHS) to enlist the Institute of Medicine (IOM) in examining pain as a public health problem. In this report, the IOM offers a blueprint for action in transforming prevention, care, education, and research, with the goal of providing relief for people with pain in America. To reach the vast multitude of people with various types of pain, the nation must adopt a population-level prevention and management strategy. The IOM recommends that HHS develop a comprehensive plan with specific goals, actions, and timeframes. Better data are needed to help shape efforts, especially on the groups of people

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currently underdiagnosed and undertreated, and the IOM encourages federal and state agencies and private organizations to accelerate the collection of data on pain incidence, prevalence, and treatments. Because pain varies from patient to patient, healthcare providers should increasingly aim at tailoring pain care to each person's experience, and self-management of pain should be promoted. In addition, because there are major gaps in knowledge about pain across health care and society alike, the IOM recommends that federal agencies and other stakeholders redesign education programs to bridge these gaps. Pain is a major driver for visits to physicians, a major reason for taking medications, a major cause of disability, and a key factor in quality of life and productivity. Given the burden of pain in human lives, dollars, and social consequences, relieving pain should be a national priority.

Federal Activities Inventory Reform Act of 1998 Oxford University Press

The emphasis of the manual is on rapid assessment and decision making. The clinical action steps are based on clinical assessment with limited reliance on laboratory or other tests and most are possible in a variety of clinical settings.

Why God Won't Go Away John Wiley & Sons

The new edition of IIT-JEE (Main & Advanced) CHEMISTRY is designed to present a whole package of Chemistry study preparation, sufficing the requirements of the aspirants who are preparing for the upcoming exam. Highlights of the Book • Exam Pattern and Chemistry Syllabus for JEE Main and Advanced included • An Analysis of IIT JEE included • Chapter-wise Theory detailed with 1000+ examples • 5000+ Chapter-wise Multiple Choice Questions • 2500+ Chapter-wise Different Format Questions • Chapter-wise Assessment Test • Chapter-wise HOTS Problems • Appendix on Equations & Glossary • JEE-Main and Advanced Mock Test • NEET Mock Test • Answers to

Questions included with Explanations •

Presence of accurate Diagrams and Tables From food to pharmaceuticals, Chemistry plays a huge role in making informed decisions.

Therefore, this book proves a comprehensive resource of Chemistry and serves to be a suitable Study Guide for the aspirants, with focus on Qualitative Preparation and Systematic understanding of the Syllabus and Examination Level. With provision for self-assessment in Mock Tests, this book stands beneficial in imprinting concepts in the mind.

Office Administration and Automation CRC Press

Offers architects and creative services professionals exclusive insights and strategies for success from the former CEO of HOK. Designing a World Class Architecture Firm: The People, Stories and Strategies Behind HOK tells the history of one of the largest design firms in the world and draws lessons from it that can help other architects, interior designers, urban planners and creative services professionals grow bigger or better. Former HOK CEO Patrick MacLeamy shares the revolutionary strategies HOK 's founders deployed to create a brand-new type of architecture firm. He pulls no punches, revealing the triple crisis that almost bankrupted HOK and describes how any firm can survive and thrive. Designing a World Class Architecture Firm tells the inside story of many of HOK 's most iconic buildings, including the National Air and Space Museum, Moscone Convention Center, Oriole Park at Camden Yards, the Houston Galleria and the reimaged LaGuardia Airport. Each chapter conveys lessons learned from HOK 's successes —and failures— including: The importance of diversifying to depression-and-recession-proof your firm The benefit of organizing your firm around specialized leaders and project types The difference between leading and managing your people The value of simple financial metrics to ensure your

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firm's health and profitability The "run toward trouble" strategy which prevents problems from ballooning MacLeamy delivers his advice via inspirational stories such as how HOK survived when its home office in St. Louis went up in flames and humorous stories, like the time an HOK executive was mistaken for royalty on a trip to Saudi Arabia. In this tell-all guide, the driven architecture or design professional will find the tools needed to evolve or grow any firm.

Real People, Real Problems Springer Science & Business Media

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

Managing Complications in Pregnancy and Childbirth Springer Science & Business Media

From the reviews: "Haus' book provides numerous insights on topics of wide importance, and contains much material not available elsewhere in book form. [...] an indispensable resource for those working in quantum optics or electronics."

Optics & Photonics News

Families Caring for an Aging America John Wiley & Sons

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

PC Mag Prabhat Prakashan

This volume describes culture media and solutions used in human ART; how they have been developed for in vitro human pre-implantation embryo development, the function and importance of the various components in media and solutions and how they interact, and how the systems in which these are used can influence outcomes.

Chapters discuss inorganic solutes, energy substrates, amino acids, macromolecules,

cytokines, growth factors, buffers, pH, osmolality, and the interaction of these parameters. The role of incubators and other physical factors are reviewed, along with the relevance and prospects of emerging technologies: morphokinetic analysis using time-lapse imaging and dynamic fluid incubation systems. Results of prospective randomized trials are emphasized to ascertain the added value of these techniques for selecting viable embryos. This comprehensive guide will be invaluable for embryologists, physicians and all personnel involved in the fluid products used in human ART seeking to optimize their successful use of these components.

Dirichlet Branes and Mirror Symmetry Springer Nature

In the past thirty years, women's representation and gender equality has developed unevenly in Latin America. Some countries have experienced large increases in gender equality in political offices, whereas others have not, and even within countries, some political arenas have become more gender equal whereas others continue to exude intense gender inequality. These patterns are inconsistent with explanations of social and cultural improvements in gender equality leading to improved gender equality in political office. Gender and Representation in Latin America argues instead that gender inequality in political representation in Latin America is rooted in institutions and the democratic challenges and political crises facing Latin American countries and that these challenges matter for the number of women and men elected to office, what they do once there, how much power they gain access to, and how their presence and actions influence democracy and society more broadly. The book draws upon the expertise of top scholars of women, gender, and political institutions in Latin America to analyze the institutional and contextual causes and consequences of women's representation in Latin America. It does this in part 1 with

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chapters that analyze gender and political representation regionwide in each of five different "arenas of representation"-the presidency, cabinets, national legislatures, political parties, and subnational governments. In part 2, it provides chapters that analyze gender and representation in each of seven different countries-Argentina, Chile, Costa Rica, Uruguay, Mexico, Brazil, and Colombia. The authors bring novel insights and impressive new data to their analyses, helping to make this one of the most comprehensive books on gender and political representation in Latin America today.

Applied Mechanics Reviews Charlesbridge Publishing

As the nation's economic activities, security concerns, and stewardship of natural resources become increasingly complex and globally interrelated, they become ever more sensitive to adverse impacts from weather, climate, and other natural phenomena. For several decades, forecasts with lead times of a few days for weather and other environmental phenomena have yielded valuable information to improve decision-making across all sectors of society.

Developing the capability to forecast environmental conditions and disruptive events several weeks and months in advance could dramatically increase the value and benefit of environmental predictions, saving lives, protecting property, increasing economic vitality, protecting the environment, and informing policy choices. Over the past decade, the ability to forecast weather and climate conditions on subseasonal to seasonal (S2S) timescales, i.e., two to fifty-two weeks in advance, has improved substantially. Although significant progress has been made, much work remains to make S2S predictions skillful enough, as well as optimally tailored and communicated, to enable widespread use. Next Generation Earth System Predictions presents a ten-year U.S. research agenda that increases the nation's S2S research and modeling

capability, advances S2S forecasting, and aids in decision making at medium and extended lead times.