

Thank Kesler Science

Drawing upon years of practical experience and using numerous examples and illustrative case studies, Threat Forecasting: Leveraging Big Data for Predictive Analysis discusses important topics, including the danger of using historic data as the basis for predicting future breaches, how to use security intelligence as a tool to develop threat forecasting techniques, and how to use threat data visualization techniques and threat simulation tools. Readers will gain valuable security insights into unstructured big data, along with tactics on how to use the data to their advantage to reduce risk. Presents case studies and actual data to demonstrate threat data visualization techniques and threat simulation tools Explores the usage of kill chain modelling to inform actionable security intelligence Demonstrates a methodology that can be used to create a full threat forecast analysis for enterprise networks of any size

Grit -- A Pediatrician's Odyssey From a Soviet Camp to Harvard tells the drama of a teenager and her family fleeing their hometown in Poland during WWII, and after deportation to the Soviet Union, becoming slave laborers, then refugees in Central Asia. Finding upon their return home that all Jews had been exterminated, they emigrate to Sweden. The book brings to life a remarkable young woman who struggles with existential war challenges to help her family survive, while unflinchingly pursuing her goal of becoming a physician. After leaving the Soviet Union, at War's end, she grapples against overwhelming odds to pursue her medical education. Coming to America in 1947, she fights on to finally enter Harvard Medical School. Regina served for many years as a pediatrician in Paramus, New Jersey, before succumbing to cancer in 1973. "This story has all the ingredients of a best-selling novel, yet it recounts real experiences of a young woman, who overcomes the horrors of the Holocaust and its aftermath, and achieves her dream of becoming a physician.... The book should be a valuable resource for the classroom, as well as one for the community in general, to help defeat bias, bigotry and intolerance." Paul B. Winkler, Ph.D., Executive Director, NJ Commission on Holocaust Education "Absorbing and compelling, this memoir provides invaluable insight into a chapter of the Holocaust barely covered in the historical literature: the survival of Polish Jews who fled to the Soviet Union, and the harsh challenges of homelessness and anti-Semitism they faced upon their return to their devastated homes. The memoir makes for exciting reading and will be of interest to people everywhere, particularly to students of WWII and the Holocaust." Atina Grossman, Ph.D. Professor of History, Cooper-Union, NY

This book is mostly based on papers presented at the Fourth International Symposium on this topic held in Savannah, Georgia. However, in addition to these papers, certain very relevant papers have also been included to broaden the scope and thus enhance the value of this book. Currently there is tremendous interest in these material because of their unique properties and applications in diverse technological areas ranging from microelectronics to aerospace to adhesive bonding. This book is divided into three parts: Part 1: Synthesis and Bulk Characterization; Part 2: Surface and Interface Aspects (Composites and Metallization); and Part 3: Applications. The topics covered include: synthesis of a number of polyimides with tailored properties; nanocomposites for high-performance applications; molecular assembly of polyimides; polyimide L-B films; metallization of polyimides; applications of high temperature polymers as proton exchange membranes; dielectrics, and in textile.

Natural Hazards: Earth Processes as Hazards, Disasters and Catastrophes, Fourth Edition, is an introductory-level survey intended for university and college courses that are concerned with earth processes that have direct, and often sudden and violent, impacts on human society. The text integrates principles of geology, hydrology, meteorology, climatology, oceanography, soil science, ecology and solar system astronomy. The book is designed for a course in natural hazards for non-science majors, and a primary goal of the text is to assist instructors in guiding students who may have little background in science to understand physical earth processes as natural hazards and their consequences to society. Natural Hazards uses historical to recent examples of hazards and disasters to explore how and why they happen and what we can do to limit their effects. The text's up-to-date coverage of recent disasters brings a fresh perspective to the material. The Fourth Edition continues our new active learning approach that includes reinforcement of learning objective with a fully updated visual program and pedagogical tools that highlight fundamental concepts of the text. This program will provide an interactive and engaging learning experience for your students. Here's how: Provide a balanced approach to the study of natural hazards: Focus on the basic earth science of hazards as well as roles of human processes and effects on our planet in a broader, more balanced approach to the study of natural hazards. Enhance understanding and comprehension of natural hazards: Newly revised stories and case studies give students a behind the scenes glimpse into how hazards are evaluated from a scientific and human perspective; the stories of real people who survive natural hazards, and the lives and research of professionals who have contributed significantly to the research of hazardous events. Strong pedagogical tools reinforce the text's core features: Chapter structure and design organizes the material into three major sections to help students learn, digest, and review learning objectives.

Some vols. include supplemental journals of "such proceedings of the sessions, as, during the time they were depending, were ordered to be kept secret, and respecting which the injunction of secrecy was afterwards taken off by the order of the House."

The Integrated Ocean Drilling Program (IODP: 2000-2013) has provided crucial records of past and present processes and interactions within and between the biosphere, cryosphere, atmosphere, hydrosphere and geosphere. Research in IODP encompasses a wide range of fundamental and applied issues that affect society, such as global climate change, biodiversity, the origin of life, natural hazards involving the study of earthquakes processes, and the internal structure and dynamics of our planet. This compilation of major findings from the 2003-2013/14 phase of IODP, focusing on scientific results rather than description of data acquisition and early inferences, provides invaluable information. Anyone wondering what scientific drilling can achieve will gain quick understanding of the range of questions that are uniquely addressed with this methodology and the ways these data dovetail with other regional information. The excitement of breakthrough findings that occasionally accompanies a drilling project will be evident. IODP obtained unique records from the global ocean basins during the 2003-2013 program phase. This book highlights findings in three theme areas: Subseafloor life and the marine biosphere; Earth's changing environments; and Dynamics of the solid Earth. Each core or borehole log provides a window revealing insights that no other data achieve. Presents syntheses of key results from the Integrated Ocean Drilling Program Encompasses a wide range of issues that affect society Describes the Integrated Ocean Drilling Program and its expeditions

This volume celebrates the contributions of Dr. Eugene Gaffney to the study of turtles, through a diverse and complementary collection of papers that showcases the latest research on one of the most intriguing groups of reptiles. A mix of focused and review papers deals with numerous aspects of the evolutionary history of turtles, including embryonic development, origins, early diversification, phylogenetic relationships, and biogeography. Moreover it includes reports on important but poorly understood fossil turtle assemblages, provides historical perspectives on turtle research, and documents disease and variation in turtles. With its broad scope, which includes descriptions of material and new taxa from Australia, Asia, and Europe, as well as North and South America, this work will be an essential resource for anyone interested in the morphology and evolution of turtles. "This volume's breadth of time, geography, and taxonomic coverage makes it a major contribution to the field and a 'must have' for all vertebrate paleontologists.", James F. Parham, California State University, CA, USA "A comprehensive and

sweeping overview of turtle evolution by the top experts in the field that will interest everyone curious about these unique reptiles.” Jason S. Anderson, University of Calgary, Canada “An invaluable addition to the literature that covers the full spectrum of approaches toward understanding the evolution of these noble creatures.” Ann C. Burke, Wesleyan University, CT, USA “A truly comprehensive volume that both the student of fossil turtles, as well as the general reader interested in these enigmatic creatures, will find fascinating.” Tyler Lyson, Yale University, CT, USA?

Recent Crustal Movements, 1977 is a compilation of the proceedings of the Sixth International Symposium on Recent Crust Movements. This volume is comprised of 50 papers and 38 abstracts, in addition to a special report about the RCM Symposium and the report of the Fennoscandian Subcommittee. This volume is subdivided into eight parts. The first part presents the opening remarks at the symposium and the special report of the Fennoscandian Subcommittee of the Commission on Recent Crustal Movements. Locations included in this report are the Estonian Soviet Socialist Republic, Finland, Sweden, Denmark, and Norway. Part two is about crustal deformation using extra-terrestrial geodesy. Part three explores the measurement of strain, tilt and gravity. The observed vertical crustal deformation is the focus of the fourth part. The second half of this volume focuses on geologic studies of Holocene deformation; observed horizontal crustal deformation; seismology; and, finally, experimental and theoretical models of interferometric methods for the measurement of distance in the study of recent crustal movements.

The 1986 Advanced Study Institute on "The Physics of the two-Dimensional Electron Gas" took place at the Conference Centre liTer Helme", close to Oostende (Belgium), from June 2 till 16, 1986. We were motivated to organize this Advanced Study Institute in view of the recent experimental and theoretical progress in the study of the two-dimensional electron gas. An additional motivation was our own theoretical interest in cyclotron resonance in two-dimensional electron systems at our institute. It is my pleasure to thank several instances and people who made this Advanced Study Institute possible. First of all, the sponsor of the Advanced Study Institute, the NATO Scientific Committee. Furthermore, the co sponsors: Agfa Gevaert, Bell Telephone Mfg. Co. N.V., Burroughs Belgium. Control Data. Digital Equipment Corporation, Esso Belgium. European Research Office (USA). Kredietbank. National Science Foundation (USA). Special thanks are due to the members of the Program Committee and the members of the Organizing Committee. I would also like to thank Mrs. H. Evans for typing assistance.

Since Abraham Lincoln's death, generations of Americans have studied his life, presidency, and leadership, often remaking him into a figure suited to the needs and interests of their own time. This illuminating volume takes a different approach to his political thought and practice. Here, a distinguished group of contributors argue that Lincoln's relevance today is best expressed by rendering an accurate portrait of him in his own era. They seek to understand Lincoln as he understood himself and as he attempted to make his ideas clear to his contemporaries. What emerges is a portrait of a prudent leader who is driven to return the country to its original principles in order to conserve it. The contributors demonstrate that, far from advocating an expansion of government beyond its constitutional limits, Lincoln defended both the Declaration of Independence and the Constitution. In his introduction, Justice Clarence Thomas discusses how Lincoln used the ideological and structural underpinnings of those founding documents to defeat slavery and secure the liberties that the Republic was established to protect. Other chapters reveal how Lincoln upheld the principle of limited government even as he employed unprecedented war powers. Featuring contributions from leading scholars such as Michael Burlingame, Allen C. Guelzo, Fred Kaplan, and Matthew Pinsker, this innovative collection presents fresh perspectives on Lincoln both as a political thinker and a practical politician. Taken together, these essays decisively demonstrate that the most iconic American president still has much to teach the modern-day student of politics.

A “living” constitution. Runaway courts. Legislating from the bench. These phrases come up a lot in the national political debate. They raise the ire of many Americans. But where did the ideas come from? Why do courts play a role so alien to the one the American Founders outlined? And how did unelected judges gain so much power in our democratic republic? Political scientist and legal philosopher Bradley C. S. Watson provides the answers in this important book. To understand why courts today rule the way they do, Watson shows, you must go back more than a century. You’ll find the philosophical and historical roots of judicial activism in the late nineteenth century. Watson traces a line from social Darwinism and pragmatism, through the rise of Progressivism, to our situation today. Living Constitution, Dying Faith reveals a radical transformation of American political thought. This ebook features a new introduction examining the latest developments—which only highlight the prescience of Watson’s arguments.

The essays in The California Republic explore the evolution of Progressivism in California and also its contemporary policy consequences. Designed to work in tandem with other texts or as a stand-alone reader, the book examines themes ranging from founding principles to institutions, from local government to statesmanship, and from elections to policy analysis. By daring to use a variety of approaches, these essays lead to a greater understanding of the polity of the nation's largest state and a deeper appreciation of the nature of republican government.

If Not Us, Who? is both the story of an architect of the modern conservative movement and a colorful journey through a half century of high-level politics. Best known as the longtime publisher of National Review, William Rusher (1923–2011) was more than just a crucial figure in the history of the Right’s leading magazine. He was a political intellectual, tactician, and strategist who helped shape the historic rise of conservatism. To write If Not Us, Who?, David B. Frisk pored over Rusher’s voluminous papers at the Library of Congress and interviewed dozens of insiders, including National Review founder William F. Buckley Jr., in addition to Rusher himself. The result is a gripping biography that shines new light on Rusher’s significance as an observer and an activist while bringing to life more than a generation’s worth of political hopes, fears, and controversies. Frisk vividly captures the joys and struggles at National Review, including Rusher’s complex relationship with the legendary Buckley. Here we see the powerful blend of wit, erudition, dedication, shrewdness, and earnestness that made Rusher an influential figure at NR and an indispensable link between conservatism’s leading theorists and its political practitioners. “If not us, who? If not now, when?”—a maxim often attributed to Ronald Reagan—could have been Rusher’s motto. In everything he did—publishing National Review, recruiting and advising political candidates, organizing cadres of young conservatives, taking on liberal advocates in a popular television debate program, writing a syndicated column—his objective was to build a movement. His tireless efforts proved essential to conservatism’s ascendancy, from the pivotal Goldwater campaign through the

Reagan era. Largely unexamined until now, Rusher's career opens a new window onto the history of the conservative movement. This comprehensive biography reintroduces readers to a remarkable man of thought and action.

The American West at Risk summarizes the dominant human-generated environmental challenges facing the 11 contiguous arid western United States. The importance of this story is that protecting lands and soil also protects air and water quality, and water supplies, which are critical support for our lives and our health.

The interaction of the lithosphere and hydrosphere sets the boundary conditions for life, as water and the nutrients extracted from rocks are essential to all known life-forms.

Water-rock interaction also affects the fate and transport of pollutants, mediates the long-term cycling of fluids and metals in the earth's crust, impacts the migration and

Wood, Robert M. Zink, Benjamin Zuckerberg

Reintroduction of Fish and Wildlife Populations provides a practical step-by-step guide to successfully planning, implementing, and evaluating the reestablishment of animal populations in former habitats or their introduction in new environments. In each chapter, experts in reintroduction biology outline a comprehensive synthesis of core concepts, issues, techniques, and perspectives. This manual and reference supports scientists and managers from fisheries and wildlife professions as they plan reintroductions, initiate releases of individuals, and manage restored populations over time. Covering a broad range of taxonomic groups, ecosystems, and global regions, this edited volume is an essential guide for academics, students, and professionals in natural resource management.

This book is the third volume on this subject and focuses on the recent advances of nanopharmaceuticals in cancer, dental, dermal and drug delivery applications and presents their safety, toxicity and therapeutic efficacy. The book also includes the transport phenomenon of nanomaterials and important pathways for drug delivery applications. It goes on to explain the toxicity of nanoparticles to different physiological systems and methods used to assess this for different organ systems using examples of in vivo systems.

This book comprises over 60 original and fully refereed technical presentations focused on geological analysis and testing of rocks, ores, minerals and elements correlated with gold mineralization and mining in the Great Basin region of the United States. Detailed geological data derived from advanced techniques is supplied for dozens of proven and currently explored mineral-rich areas in Nevada, California, Idaho, Utah, Washington and Alaska, as well as in Mexico and Chile. A wealth of analytic information, including full-color charts and maps, is presented on working gold, silver and copper mines opened or re-opened within the last 10 years, as well as on geological formations identified as promising for high-value future gold discoveries. Written by industry, government, and university researchers, these two volumes provide a wide range of stratigraphic, lithographic, remote-sensing models and core sample analyses, especially of rocks and ores likely to host Carlin-type gold deposits. Original research is presented on geothermal, geochemical, photoluminescent, tectonic and trace element investigations of geological phenomena associated with epithermal gold mineralization. Chapters of the book are peer-reviewed versions of presentations originally delivered at a symposium organized by the Geological Society of Nevada. The CD-ROM displays figures and illustrations in articles in full color along with a title screen and main menu screen. Each user can link to all papers from the Table of Contents and Author Index and also link to papers and front matter by using the global bookmarks which allow navigation of the entire CD-ROM from every article. Search features on the CD-ROM can be by full text including all key words, article title, author name, and session title. The CD-ROM has Autorun feature for Windows 2000 or higher products and can also be used with Macintosh computers. The CD includes the program for Adobe Acrobat Reader with Search 9.0. One year of technical support is included with your purchase of this product.

This book offers an ideal graduate-level introduction to the theory of partial differential equations. The first part of the book describes the basic mathematical problems and structures associated with elliptic, parabolic, and hyperbolic partial differential equations, and explores the connections between these fundamental types. Aspects of Brownian motion or pattern formation processes are also presented. The second part focuses on existence schemes and develops estimates for solutions of elliptic equations, such as Sobolev space theory, weak and strong solutions, Schauder estimates, and Moser iteration. In particular, the reader will learn the basic techniques underlying current research in elliptic partial differential equations. This revised and expanded third edition is enhanced with many additional examples that will help motivate the reader. New features include a reorganized and extended chapter on hyperbolic equations, as well as a new chapter on the relations between different types of partial differential equations, including first-order hyperbolic systems, Langevin and Fokker-Planck equations, viscosity solutions for elliptic PDEs, and much more. Also, the new edition contains additional material on systems of elliptic partial differential equations, and it explains in more detail how the Harnack inequality can be used for the regularity of solutions.

American politics grows embittered because it is increasingly torn between two rival constitutions, two opposed cultures, two contrary ways of life. American conservatives rally around the founders' Constitution, as amended and as grounded in the natural and divine rights and duties of the Declaration of Independence. American liberals herald their "living Constitution," a term that implies that the original is dead or superseded, and that the fundamental political imperative is constant change or transformation (as President Obama called it) toward a more and more perfect social democracy ruled by a Woke elite. Crisis of the Two Constitutions details how we got to and what is at stake in our increasingly divided America. It takes controversial stands on matters political and scholarly, describing the political genius of America's founders and their efforts to shape future generations through a constitutional culture that included immigration, citizenship, and educational policies. Then it turns to the attempted progressive refounding of America, tracing its accelerating radicalism from the New Deal to the 1960s' New Left to today's unhappy campus nihilists. Finally, the volume appraises American conservatives' efforts, so far unavailing despite many famous victories, to revive the founders' Constitution and moral common sense. From Ronald Reagan to Donald Trump, what have conservatives learned and where should they go from here? Along the way, Charles R. Kesler argues with critics on the left and right, and refutes fashionable doctrines including relativism, multiculturalism, critical race theory, and radical traditionalism, providing in effect a one-volume guide to the increasingly influential Claremont school of conservative thought by one of its most engaged, and engaging, thinkers.

Scientific analyses of the geology, metallogeny, and mineralization of gold, silver and other high-value elements in the western USA. Technical details on working mines, exploration results, new deposits. Presentations produced with the United States Geological Survey, Society of Economic Geologists. Two-volume book set printed in full color with full-text searchable CD-ROM. Produced under the auspices of the Geological Society of Nevada and published every five years, this two-volume book of peer-reviewed papers focuses on the geological analysis of ore-rich deposits in the western United States, especially ones containing gold and other high-value elements. Hundreds of stratigraphic, lithographic, remote-sensing and core sample examples are presented, particularly of areas likely to host Carlin-type gold deposits. The two volumes contain a wealth of data on specifically named mines, as well as technical information on high-potential areas for exploration. The book is profusely illustrated with full-color maps, photographs and charts for geology and mining engineering. A searchable CD accompanies the book and includes the full text of papers from the printed book, as well as abstracts and information from poster sessions not found in the printed book. Chapters in the text are fully refereed versions of presentations originally delivered at a symposium supported by the Geological Society of Nevada, along with the United States Geological Survey, Society of Economic Geologists and the Nevada Bureau of Mines. Sample key words: metallogeny, gold, epithermal ore, magmatism, Carlin trend, square array void mapping (SAVM), porphyry copper, tungsten, orogeny, litho-geochemistry, 3-D resistivity and modeling, fault-surface mapping, airborne electromagnetics and more. *The CD-ROM displays figures and illustrations in articles in full color along with a title screen and main menu screen. Each user can link to all papers from the Table of Contents and Author Index and also link to papers and front matter by using the global bookmarks which allow navigation of the entire CD-ROM from every article. Search features on the CD-ROM can be by full text including all key words, article title, author name, and session title. The CD-ROM has Autorun feature for Windows 2000 or higher products and can also be used with Macintosh computers. The CD includes the program for Adobe Acrobat Reader with Search 11.0. One year of technical support is included with your purchase of this product.

Foreign policies and diplomatic missions, combined with military action, were the driving forces behind the growth of the early United States. In an era when the Old and New Worlds were subject to British, French, and Spanish imperial ambitions, the new republic had limited diplomatic presence and minimal public credit. It was vulnerable to hostile forces in every direction. The United States could not have survived, grown, or flourished without the adoption of prescient foreign policies, or without skillful diplomatic operations. An Independent Empire shows how foreign policy and diplomacy constitute a truly national story, necessary for understanding the history of the United States. In this lively and well-written book, episodes in American history—such as the writing and ratification of the Constitution, Henry Clay's advocacy of an American System, Pinckney's Treaty with Spain, and the visionary but absurd Congress of Panama—are recast as elemental aspects of United States foreign and security policy. An Independent Empire tells the stories of the people who defined the early history of America's international relationships. Throughout the book are brief, entertaining vignettes of often-overlooked intellectuals, spies, diplomats, and statesmen whose actions and decisions shaped the first fifty years of the United States. More than a dozen bespoke maps illustrate that the growth of the early United States was as much a geographical as a political or military phenomenon. Lincoln and Liberty. Wisdom for the Ages. University Press of Kentucky

Transform your organization with speed and efficiency using this insightful new resource. Incremental improvement is no longer sufficient in helping organizations navigate the complexity, uncertainty and volatility of today's world. In *Change: How Organizations Achieve Hard-to-Imagine Results in Uncertain and Volatile Times*, authors John P. Kotter, Vanessa Akhtar, and Gaurav Gupta explore how to create non-linear, dramatic change in your organization. You'll discover the emerging science of change that teaches us about how to build organizations – from businesses to governments – that change and adapt rapidly. In *Change* you'll discover: Why the ability of organizations to deal with threats and take advantage of opportunities in the face of ever greater complexity and uncertainty is being severely challenged. In-depth, evidence-based, actionable solutions for dealing with institutional resistance to change. Case studies and success stories that describe organizations who have successfully built the ability to change quickly into their DNA. A universal approach for how to dramatically improve outcomes from various change efforts, including: strategy execution, digital transformation, restructuring, and more. Perfect for managers, executives, and leaders at companies of all types and sizes, *Change* will also prove to be a valuable asset to other professionals who serve these organizations. This book is for anyone seeking a proven approach for delivering fast, sustainable and comprehensive results.

Do second-generation ethnic minorities, those born and brought up in Britain, increasingly adopt British attitudes, values and ways of life, or do they, as some commentators have claimed, remain isolated from the mainstream? This study maps the extent of generational change among Britain's ethnic minority population and explores the underlying processes involved. It asks whether generational change has been in the direction of greater integration, or whether some minorities have been slower to integrate, perhaps as a result of the prejudice and discrimination from the white British that they have encountered or because of desires to maintain ethnic values and resist Western practices. The study draws on the most recent and most authoritative British data to answer these questions. Chapter authors include leading authorities both from Britain and America, including Mary Waters (Harvard), Lucinda Platt (LSE) and Anthony Heath, CBE (Oxford and Manchester) as well as a new generation of young scholars. It will be essential reading both for students and scholars working on ethnic relations and for policy-makers and the wider public interested in questions of social cohesion, multiculturalism and integration. This book was originally published as a special issue of *Ethnic and Racial Studies*.

Proteinases and their Inhibitors: Structure, Function, and Applied Aspects documents the proceedings of an international symposium organized by the Department of Biochemistry, Jozef Stefan Institute, E. Kardelj University, Ljubljana, and the Department of Organic Chemistry and Biochemistry, Rudjer Boskovic Institute, Zagreb, held in Portoroz, Yugoslavia, September 29-October 3, 1980. The volume contains 34 papers that are organized into four parts. Part I on biological functions includes studies such as muscle protein breakdown in human catabolic state and age-dependent changes in intracellular protein turnover. The papers in Part II, which deals with properties and structure

of enzymes, cover topics such as structures and biological functions of cathepsin B and L; and human erythrocytes peptidases. Part III is devoted to industrial applications, such as exogenous proteinases in dairy technology and the application of immobilized proteinases. Part IV on proteinase inhibitors includes papers on thiol inhibitors of proteases and intracellular neutral proteinases and inhibitors. The papers in this volume provide new data, concepts, and visions which will not only prove useful, but will also stimulate further investigations of proteinases and their inhibitors.

Sediment-hosted deposits are the main source of zinc and lead. In this volume, the reader will find the most recent developments in research including: - Fluid migration leading to formation of Zn-Pb ores in sedimentary basins. Relationships to orogenic events and to geothermic anomalies - Transport of metals and precipitation mechanisms. The role played by fluid mixing, fluid-rock reaction, organic matter, and thiosulfates - Paleomagnetic dating of ore deposits - The association of Mississippi Valley-type ore deposits to diapiric salt structures - Geochemical investigations applied to exploration for sediment-hosted Zn-Pb deposits - Economic aspects. The broad geographical coverage is an additional aspect which will interest both researchers and explorationists.

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