Out Of Uniform, Second Edition: Your Guide To A Successful Military To Civilian Career Transition

Practical Algorithms for 3D Computer Graphics, Second Edition covers the fundamental algorithms that are the core of all 3D computer graphics software packages. Using Core OpenGL and OpenGL ES, the book enables you to create a complete suite of programs for 3D computer animation, modeling, and image synthesis. Since the publication of the first edition, implementation aspects have changed significantly, including advances in graphics technology that are enhancing immersive experiences with virtual reality. Reflecting these considerable developments, this second edition presents up-to-date algorithms for each stage in the creative process. It takes you from the construction of polygonal models of real and imaginary objects to rigid body animation and hierarchical character animation to the rendering pipeline for the synthesis of realistic images. New to the Second Edition New chapter on the modern approach to real-time 3D programming using OpenGL New chapter that introduces 3D graphics for mobile devices New chapter on OpenFX, a comprehensive open source 3D tools suite for modeling and animation Discussions of new topics, such as particle modeling, marching cubes, and techniques for rendering hair and fur More web-only content, including source code for the algorithms, video transformations, comprehensive examples, and documentation for OpenFX The book is suitable for newcomers to graphics research and 3D computer games as well as more experienced software developers who wish to write plug-in modules for any 3D application program or shader code for a commercial games engine.

Intended for both the novice and professional, this text aims to approach problems with currently available tools and methods in the modern analytical chemistry domain. It covers all fields from basic theory and principles of analytical chemistry to instrumentation classification, design and purchasing. This edition includes information on X-ray methods and analysis, capillary electrophoresis, Infrared and Raman technique comparisons, and more.

Fourier transforms are used widely, and are of particular value in the analysis of single functions and combinations of functions found in radar and signal processing. Still, many problems that could have been tackled by using Fourier transforms may have gone unsolved because they require integration that is difficult and tedious. This newly revised and expanded edition of a classic Artech House book provides you with an up-to-date, coordinated system for performing Fourier transforms on a wide variety of functions. Along numerous updates throughout the book, the Second Edition includes a critical new chapter on periodic waveforms a topic not covered in any other book and detailed coverage of asymmetric triangular pulse. By building upon Woodward's well known "Rules and Pairs" method and related concepts and procedures, this book establishes a unified system that makes implicit the integration required for performing Fourier transforms on a wide variety of functions. It details how complex functions can be broken down to their constituent parts for analysis. You can now concentrate on functional relationships instead of getting bogged down in the details of integration. This approach to implementing Fourier transforms is illustrated with many specific examples from digital signal processing as well as radar and antenna operation. DVD-ROM Included! Contains MATLAB programs that implement many of the results presented in the book.

On the special occasion of the 125th anniversary in 2012 of the PTB and its predecessor PTR, this second edition is presented (in CD) with a new chapter on the current impact of quantum standards. In 1887, the Physikalisch-Technische Bundesanstalt (PTB) was originally founded as the Physikalisch-Technische Reichsanstalt (PTR) in Berlin in order to promote basic research in physics. It subsequently developed into the largest research center worldwide as a place where scientists could concentrate exclusively on their research subject, and served as a model for similar institutes established in other countries. Within a very short time, the PTR produced extremely important scientific results that cemented its international position at the top, such as Max Planck's radiation law and energy quantization theory as well as Walther Meissner's discovery of the Meissner effect which represented a turning point in the field of superconductivity. This book describes the scientific and industrial milieu of the time, and explains in detail the role of the key people, including Albert Einstein's involvement with the PTR. A brief discussion on how the PTR was affected by the Nazi dictatorship in Germany is also given. Contents:The Foundation and the Key Role of Werner SiemensSome Memoranda at the BeginningThe Start under President Hermann von HelmholtzThe Institute as a ModelThe Optical Laboratory and the Birth of Quantum TheoryThe Low-Temperature Laboratory and the Discovery of the Meissner EffectThe Chemical Laboratory and the Discovery of New ElementsThe Laboratory for RadioactivityThe Imperial Institute and Albert EinsteinCounting and Measuring — Quantum Statistics and Quantum StandardsFundamental Constants — the Best Information on Nature AvailableThe Meter Convention for the Global Consistency of MeasurementsThe Presidents of the Institute until 1933The Institute under the Nazi Dictatorship and a New BeginningThe Electromagnetic Quantum Triangle — Quantum Standards from the Perspective of Ohm's Law Readership: General readers; students and scientists in physics, chemistry and related areas; academics interested in the history of science. Keywords:Planck's Radiation Law;Meissner Effect;Geiger Counter;Coincidence Technique;Nuclear Fission;Liquid Helium;Radioactivity;RheniumKey Features:Recalls the extremely fruitful scientific period in Berlin during the late 19th and early 20th centuries, connected with names such as Planck, von Helmholtz, Siemens, Rubens, Lummer, Kurlbaum, Wien, Paschen, Nernst, von Laue, Einstein, Meissner, Geiger, Bothe, Kolhörster, Noddack, Kohlrausch, and WarburgIncludes 45 illustrationsReviews: "Presenting a great institution, or indeed expounding a great scientific theme in this way, is indeed a very valuable approach to foster the history of a field, at least when the expected readership, such as the one of the present book, is composed mostly of professionals of the discipline ... The book by Huebener and Lübbig is an enjoyable read and the authors have indeed succeeded in achieving their promise." IL Nuovo Saggiatore "This is a very interesting book. The book provides a very enjoyable reading experience. I highly recommend it to everyone who is active in science and to readers who are interested in its development."Prof. Dr. Vladimir Kresin Lawrence Berkeley Laboratory University of California, Berkeley Reviews of the First Edition: "With the use of many original documents the authors create a very lively picture of the highly scientific and pioneering climate at PTR which actually takes the reader back to this fascinating area." Professor Dr Ernst O Göbel President of Physikalisch-Technische Bundesanstalt "This book is primarily interesting because it is also a history of much of 20th-century physics, since much of this was developed by people closely tied to Physikalisch-Technishe Reichsanstalt." Choice "It offers a useful overview of the fate of the PTR after 1919, and suggests that a sequel to Cahan's study of the Reichsanstalt's earlier development would be well worth undertaking." ISIS

The Interpretation of Prophecy, Second Edition

A Weekly Journal of Literature, Science, and the Fine Arts

Fourier Transforms in Radar and Signal Processing, Second Edition

The Art Journal

American Zouaves, 1859-1959

Australian Uniform Evidence Law

Patrick Fairbairn (1805-1874) studied at Edinburgh University from 1818 to 1826. In 1853 he was appointed to be Chair of Theology in Aberdeen, and in 1856 became Principal of Free Church College in Glasgow. His published works include his 1845 "Typology of Scripture' as well as his posthumous 'Pastoral Theology'.

In his examination of the ways in which theatre participates in the ongoing representations of and debates about the past, Freddie Rokem concentrates on the ways in which theatre after World War II has presented different aspects of the French Revolution and the Holocaust, showing us that by " performing history " actors bring the historical past and the theatrical present together.

Combustion Engineering, Second Edition maintains the same goal as the original: to present the fundamentals of combustion science with application to today ' s energy challenges. Using combustion applications to reinforce the fundamentals of combustion science, this text provides a uniquely accessible introduction to combustion for undergraduate students, first-year graduate students, and professionals in the workplace. Combustion is a critical issue impacting energy utilization, sustainability, and climate change. The challenge is to design safe and efficient combustion systems for many types of fuels in a way that protects the environment and enables sustainable lifestyles. Emphasizing the use of combustion fundamentals in the engineering and design of combustion systems, this text provides detailed coverage of gaseous, liquid and solid fuel combustion, including focused coverage of biomass combustion, which will be invaluable to new entrants to the field. Eight chapters address the fundamentals of combustion, including fuels, thermodynamics, chemical kinetics, flames, detonations, sprays, and solid fuel combustion mechanisms. Eight additional chapters apply these fundamentals to furnaces, spark ignition and diesel engines, gas turbines, and suspension burning, fixed bed combustion, and fluidized bed combustion of solid fuels. Presenting a renewed emphasis on fundamentals and updated applications to illustrate the latest trends relevant to combustion engineering, the authors provide a number of pedagogic features, including: Numerous tables with practical data and formulae that link combustion fundamentals to engineering practice Concise presentation of mathematical methods with qualitative descriptions of their use Coverage of alternative and renewable fuel types throughout the text Extensive example problems, chapter-end problems, and references These features and the overall fundamentals-to-practice nature of this book make it an ideal resource for undergraduate, first level graduate, or professional training classes. Students and practitioners will find that it is an excellent introduction to meeting the crucial challenge of engineering sustainable combustion systems in a cost-effective manner. A solutions manual and additional teaching resources are available with qualifying course adoption.

The component parts of a manufacturing system are important. Without peripherals and services such as pumps, boilers, power transmission, water treatment, waste disposal, and efficient lighting, the system will collapse. Food Plant Engineering Systems, Second Edition fills the need for a reference dealing with the bits and pieces that keep systems running, and also with how the peripheral parts of a processing plant fit within the bigger picture. The author has gathered information from diverse sources to introduce readers to the ancillary equipment used in processing industries, including production line components and environmental control systems. He explores the buildings and facilities as well as the way various parts of a plant interact to increase plant production. This new edition covers the systems approach to Lean manufacturing, introducing Lean principles to the food industry. It also addresses sustainability and environmental issues, which were not covered in the first edition. Written so readers with only basic mathematical knowledge will benefit from the content, the text describes measurements and numbers as well as general calculations, including mass and energy balances. It addresses the properties of fluids, pumps, and piping, and provides a brief discussion of thermodynamics. In addition, it explores electrical system motors, starters, heating, and lights; heating systems and steam generation; cooling and refrigeration systems; and water, waste, and material handling systems. The text also deals with plant design, including location, foundations, floors, walls, roofs, drains, and insulation. The final chapter presents an overview of safety and OSHA regulations, and the appendices provide conversion tables and an introduction to mathematics.

Human Development and Faith (Second Edition)

Out of Uniform

Dressed to Kill: British Naval Uniform, Masculinity and Contemporary Fas

Food Plant Engineering Systems, Second Edition

Performing History

This book represents the most thorough exposition on our present understanding of the impetuses, debates, legalities, and effectiveness of school uniform policies that have rapidly entered the discourse of school reform in the United States. In it, David Brunsma provides an antidote to the ungrounded, anecdotal components that define the contemporary conversation regarding policies of standardized dress in American K-12 districts and schools.

Although the practice of chemical engineering has broadened to encompass problems in a range of disciplines, including biology, biochemistry, and nanotechnology, one of the curriculum's foundations is built upon the subject of transport phenomena. Transport Phenomena Fundamentals, Second Edition provides a unified treatment of heat, mass, and momentum transport based on a balance equation approach. Designed for a two-term course Used in a two-term transport phenomena sequence at Rensselaer Polytechnic Institute, this text streamlines the approach to how the subject is taught. The first part of the book takes students through the balance equation in the context of diffusive transport, be it momentum, energy, mass, or charge. Each chapter adds a term to the balance equation, highlighting the effects of that addition on the physical behavior of the system and the underlying mathematical description. The second half of the book builds upon the balance equation description of diffusive transport by introducing convective transport terms, focusing on partial rather than ordinary differential equations. The Navier–Stokes and convective transport equations are derived from balance equations in both macroscopic and microscopic forms. Includes examples and problems drawn from Comsol® software The second edition of this text is now enhanced by the use of finite element methods in the form of examples and extended homework problems. A series of example modules are associated with each chapter of the text. Some of the modules are used to produce examples in the text, and some are discussed in the homework at the end of each chapter. All of the modules are located online at an accompanying website which is designed to be a living component of the course. (available on the download tab)

Since its publication in 1994, Richard McKirahan's Philosophy Before Socrates has become the standard sourcebook in Presocratic philosophy. It provides a wide survey of Greek science, metaphysics, and moral and political philosophy, from their roots in myth to the philosophers and Sophists of the fifth century. A comprehensive selection of fragments and testimonia, translated by the author, is presented in the context of a thorough and accessible discussion. An introductory chapter deals with the sources of Presocratic and Sophistic texts and the special problems of interpretation they present. In its second edition, this work has been updated and expanded to reflect important new discoveries and the most recent scholarship. Changes and additions have been made throughout, the most significant of which are found in the chapters on the Pythagoreans, Parmenides, Zeno, Anaxagoras, and Empedocles, and the new chapter on Philolaus. The translations of some passages have been revised, as have some interpretations and discussions. A new Appendix provides translations of three Hippocratic writings and the Derveni papyrus.

This book now in its second edition, brings together the best available understandings of human development from a multidisciplinary perspective. Uniquely inclusive of the moral and faith dimensions of context and life-cycle development, Human Development and Faith examines the interplay of mind, body, family, community, and soul at every stage of development. It addresses two central questions: What are the "good-enough" conditions of parenting, family, and community in each phase of life, from birth to death, that support growth and development? What gives life adequate meaning as development proceeds? If human development describes the normative and hoped-for passages of life, then faith provides the necessary component of meaning. Throughout the various perspectives offered in this volume is the premise that faith is that quality of living that makes it possible to fully live.The Journal of Pastoral Theology called the first edition of Human Development and Faith "an excellent text for pastoral theology courses, because it fulfills its ambitious goal of bringing a holistic faith perspective to the usual topics of development." This second edition includes a new chapter on infancy, updates reflecting our growing awareness of cultural diversity, and a new preface.

Environmental Hydrology, Second Edition

Combustion Engineering, Second Edition

Insect Repellents Handbook, Second Edition

Philosophy Before Socrates (Second Edition): An Introduction with Texts and Commentary

A Life History of Kim Songsu, 1891–1955

Introduction to Probability, Second Edition

Student-Friendly Coverage of Probability, Statistical Methods, Simulation, and Modeling Tools Incorporating feedback from instructors and researchers who used the previous edition, Probability and Statistics for Computer Scientists, Second Edition helps students understand general methods of stochastic modeling, simulation, and data analysis; make optimal decisions under uncertainty; model and evaluate computer systems and networks; and prepare for advanced probability-based courses. Written in a lively style with simple language, this classroom-tested book can now be used in both one- and two-semester courses. New to the Second Edition Axiomatic introduction of probability Expanded coverage of statistical inference, including standard errors of estimates and their estimation, inference about variances, chi-square tests for independence and goodness of fit, nonparametric statistics, and bootstrap More exercises at the end of each chapter Additional MATLAB® codes, particularly new commands of the Statistics Toolbox In-Depth yet Accessible Treatment of Computer Science-Related Topics Starting with the fundamentals of probability, the text takes students through topics heavily featured in modern computer science, computer engineering, software engineering, and associated fields, such as computer simulations, Monte Carlo methods, stochastic processes, Markov chains, queuing theory, statistical inference, and regression. It also meets the requirements of the Accreditation Board for Engineering and Technology (ABET). Encourages Practical Implementation of Skills Using simple MATLAB commands (easily translatable to other computer languages), the book provides short programs for implementing the methods of probability and statistics as well as for visualizing randomness, the behavior of random variables and stochastic processes, convergence results, and Monte Carlo simulations. Preliminary knowledge of MATLAB is not required. Along with numerous computer science applications and worked examples, the text presents interesting facts and paradoxical statements. Each chapter concludes with a short summary and many exercises.

A detailed exploration of naval identity, period fashion and masculinity.

A weekly review of politics, literature, theology, and art.

Coinciding with the "Sailor Chic" exhibition at the National Maritime Museum (NMM), this book explores naval identity, contemporary fashion, and masculinity in three essays and features newly commissioned art that fully illustrates the NMM's uniform collection. Personal papers, diaries, fiction and other period artifacts combine with the images to demonstrate the significance of male fashion and uniform in forging a national, hierarchical, gendered identity in the 18th and 19th centuries.

The Spectator

ELA Notes

British Naval Uniform, Masculinity and Contemporary Fashions, 1748-1857

An Illustrated History

Environmental Chemistry in Society, Second Edition

Your Guide to a Successful Military-to-Civilian Career Transition

Australian Uniform Evidence Law provides a clear, accessible introduction to the law of evidence.

The public has a great desire for products that prevent the annoyance of biting insects and ticks, but that desire does not always translate into sensible use of those products. Insect Repellents Handbook, Second Edition summarizes evidence-based information on insect repellents to inform decisions by those involved with insect repellent research, development, and use. This authoritative, single-source reference makes it possible for you to quickly gain a working level of expertise about insect repellents, without having to search through the scattered literature. The previous edition was the first comprehensive volume on this subject and quickly became the definitive reference on insect repellents. This second edition reflects the current state of insect repellent science, covers the processes involved in the development and testing of new active ingredients and formulations, and discusses the practical uses of repellents. The book includes thought-provoking discussions on how repellents work, their neuromolecular basis of action, and whether green chemistry can provide effective repellents. It also supplies an in-depth understanding of the development of repellents including testing methods, review of active ingredients, and the use of chemical mixtures as repellents. It provides science-backed chapters on repellent use including best practices for use of personal protection products, criteria for repellent use, and insect repellents for other potential use.

The completely revised Second Edition of Metallurgy for the Non-Metallurgist provides a solid understanding of the basic principles and current practices of metallurgy. The new edition has been extensively updated with broader coverage of topics, new and improved illustrations, and more explanation of basic concepts. It is a "must-have" ready reference on metallurgy!

The technological advances of recent years include the emergence of new remote sensing and geographic information systems that are invaluable for the study of wetlands, agricultural land, and land use change. Students, hydrologists, and environmental engineers are searching for a comprehensive hydrogeologic overview that supplements information on hydrologic processes with data on these new information technology tools. Environmental Hydrology, Second Edition builds upon the foundation of the bestselling first edition by providing a qualitative understanding of hydrologic processes while introducing new methods for quantifying hydrologic parameters and processes. Written by authors with extensive multidisciplinary experience, the text first discusses the components of the hydrologic cycle, then follows with chapters on precipitation, stream processes, human impacts, new information system applications, and numerous other methods and strategies. By updating this thorough text with the newest analytical tools and measurement methodologies in the field, the authors provide an ideal reference for students and professionals in environmental science, hydrology, soil science, geology, ecological engineering, and countless other environmental fields.

Transport Phenomena Fundamentals, Second Edition

Practical Algorithms for 3D Computer Graphics, Second Edition

Men Out of Uniform

Construction and Maintenance

The Illustrated Catalogue of the Industry of All Nations

Body Image, Second Edition

*The standard reference for practitioners, researchers, and students, this acclaimed work brings together internationally recognized experts from diverse mental health, medical, and allied health care disciplines. Contributors review established and emerging theories and findings; probe questions of culture, gender, health, and disorder; and present evidence-based assessment, treatment, and prevention approaches for the full range of body image concerns. Capturing the richness and complexity of the field in a readily accessible format, each of the 53 concise chapters concludes with an informative annotated bibliography. New to This Edition *Addresses the most urgent current questions in the field.*Reflects significant advances in key areas: assessment, body image in boys and men, obesity, illness-related body image issues, and cross-cultural research. *Conceptual Foundations section now incorporates evolutionary, genetic, and positive psychology perspectives. *Increased coverage of prevention. Now in a fully revised and updated second edition, this authoritative resource provides a complete toolkit for designing and implementing an evidence-based school safety plan. Foremost experts guide practitioners to understand and prevent violence, bullying, and peer harassment in grades K–12. Best practices are reviewed for creating a positive school climate and establishing effective security and crisis response procedures. The authors describe ways to identify and support behaviorally at-risk students across multiple tiers of intervention, beginning with universal screening. In a convenient large-size format, the book includes reproducible planning tools. Purchasers get access to a Web page where they can download and print the reproducible materials. New to This Edition *Reflects over 15 years of research advances, new initiatives, and the growth of universal prevention models. *Grounded in current positive behavior interventions and supports (PBIS) practices; also incorporates restorative discipline, social–emotional learning, and trauma-informed practices. *State-of-the-art behavioral screening and threat assessment methods are integrated throughout. *Discussions of timely topics, including cyberbullying, the role and limitations of policing in schools, and racial/ethnic disparities in discipline. This book is in The Guilford Practical Intervention in the Schools Series, edited by Sandra M. Chafouleas.*

Developed from celebrated Harvard statistics lectures, Introduction to Probability provides essential language and tools for understanding statistics, randomness, and uncertainty. The book explores a wide variety of applications and examples, ranging from coincidences and paradoxes to Google PageRank and Markov chain Monte Carlo (MCMC). Additional application areas explored include genetics, medicine, computer science, and information theory. The authors present the material in an accessible style and motivate concepts using real-world examples. Throughout, they use stories to uncover connections between the fundamental distributions in statistics and conditioning to reduce complicated problems to manageable pieces. The book includes many intuitive explanations, diagrams, and practice problems. Each chapter ends with a section showing how to perform relevant simulations and calculations in R, a free statistical software environment. The second edition adds many new examples, exercises, and explanations, to deepen understanding of the ideas, clarify subtle concepts, and respond to feedback from many students and readers. New supplementary online resources have been developed, including animations and interactive visualizations, and the book has been updated to dovetail with these resources. Supplementary material is available on Joseph Blitzstein's website www. stat110.net. The supplements include: Solutions to selected exercises Additional practice problems Handouts including review material and sample exams Animations and interactive visualizations created in connection with the edX online version of Stat 110. Links to lecture videos available on ITunes U and YouTube There is also a complete instructor's solutions manual available to instructors who require the book for a course.

This timely and important Handbook takes stock of progress made in our understanding of what sustainable development actually is and how it can be measured and achieved.ø

An Introduction with Texts and Commentary

The Athenaeum

Bridge Engineering Handbook, Second Edition

A Symbolic Crusade

Dressed to Kill

Metallurgy for the Non-Metallurgist, Second Edition

A new edition of a comprehensive text, updated throughout, with new material on behavioral economics, international taxation, cost-benefit analysis, and the economics of climate policy. Public economics studies how government taxing and spending activities affect the economy—economic efficiency and the distribution of income and wealth. This comprehensive text on public economics covers the core topics of market failure and taxation as well as recent developments in both policy and the academic literature. It is unique not only in its broad scope but in its balance between public finance and public choice and its combination of theory and relevant empirical evidence. The book covers the theory and methodology of public economics; presents a historical and theoretical overview of the public sector; and discusses such topics as departures from efficiency (including imperfect competition and asymmetric information), issues in political economy, equity, taxation, fiscal federalism, and tax competition among independent jurisdictions. Suggestions for further reading, from classic papers to recent research, appear in each chapter, as do exercises. The mathematics has been kept to a minimum without sacrificing intellectual rigor; the book remains analytical rather than discursive. This second edition has been thoroughly updated throughout. It offers new chapters on behavioral economics, limits to redistribution, international taxation, cost-benefit analysis, and the economics of climate policy. Additional exercises have been added and many sections revised in response to advice from readers of the first edition.

After completing military service, veterans can have a difficult time finding employment when returning to civilian life. Out of Uniform, Second Edition is designed to help all transitioning military personnel, regardless of service, branch, rank, rating, time in service, time in grade, or specialty. Although all service members share common denominators, each individual brings something unique to the job market. Not only does this book cover the basics--search techniques, networking, interview preparation, résumés, negotiation, and a new chapter on social media--it also offers guidance on topics that are often overlooked, specifically the central issues of self-knowledge, interviewing empathy, and the power of questions. In addition to the technical guidance, readers will also discover important information in the anecdotes based on the experiences of soldiers, sailors, air force personnel, and marines. Out of Uniform, Second Edition is an invaluable resource for veterans who want to make the most out of their civilian career opportunities.

Over 140 experts, 14 countries, and 89 chapters are represented in the second edition of the Bridge Engineering Handbook. This extensive collection highlights bridge engineering specimens from around the world, contains detailed information on bridge engineering, and thoroughly explains the concepts and practical applications surrounding the subject. Published in five books: Fundamentals, Superstructure Design, Substructure Design, Seismic Design, and Construction and Maintenance, this new edition provides numerous worked-out examples that give readers step-by-step design procedures, includes contributions by leading experts from around the world in their respective areas of bridge engineering, contains 26 completely new chapters, and updates most other chapters. It offers design concepts, specifications, and practice, as well as the various types of bridges. The text includes over 2,500 tables, charts, illustrations, and photos. The book covers new, innovative and traditional methods and practices; explores rehabilitation, retrofit, and maintenance; and examines seismic design and building materials. The fifth book, Construction and Maintenance contains 19 chapters, and covers the practical issues of bridge structures. What's New in the Second Edition: Includes nine new chapters: Steel Bridge Fabrication, Cable-Supported Bridge Construction, Accelerated Bridge Construction, Bridge Management Using Pontis and Improved Concepts, Bridge Maintenance, Bridge Health Monitoring, Nondestructive Evaluation Methods for Bridge Elements, Life-Cycle Performance Analysis and Optimization, and Bridge Construction Methods Rewrites the Bridge Construction Inspection chapter and retitles it as: Bridge Construction Supervision and Inspection Expands and rewrites the Maintenance Inspection and Rating chapter into three chapters: Bridge Inspection, Steel Bridge Evaluation and Rating, and Concrete Bridge Evaluation and Rating; and the Strengthening and Rehabilitation chapter into two chapters: Rehabilitation and Strengthening of Highway Bridge Superstructures, and Rehabilitation and Strengthening of Orthotropic Steel Bridge Decks This text is an ideal reference for practicing bridge engineers and consultants (design, construction, maintenance), and can also be used as a reference for students in bridge engineering courses.

In this searingly sexy anthology, #1 New York Times bestselling authors Sylvia Day, Maya Banks, and national bestselling author Karin Tabke present three stories of men in uniform—unzipped. They may enforce the rules, but when men in uniform are off duty and under the covers, they're experts at breaking them. After all, the hottest thing about a man in uniform is imagining him out of it... In Maya Banks's "Soul Possession," Jessie spends a hot night with two sexy-as-sin detectives, only to be accused of murder the very next day. But when Jessie becomes the target of a serial killer, her two detectives will risk everything to have her back in their arms—and in their bed... It's time for protected witness Layla Creed to come out of hiding and take the stand in "Taking the Heat" by Sylvia Day. Layla has only three days to reconnect with federal marshal Brian Simmons—and slake the white-hot lust that has simmered between them for years... Karin Tabke's "Wanted" follows the X-rated exploits of bad-boy cop Colin Daniels and the soon-to-be-ex-wife of a mob boss. He's been hired to guard her body, but it drives him to distraction instead, putting his career—and his life—on the line...

Analytical Instrumentation Handbook, Second Edition

The Universal Measurer, and Mechanic ... The Second Edition

Three Novellas of Erotic Surrender

Register - University of California

The Literary Gazette

A Korean Nationalist Entrepreneur

Everyone can benefit from having some understanding of environmental science and the chemistry underlying issues such as global warming, ozone depletion, energy sources, air pollution, water pollution, and waste disposal. Environmental Chemistry in Society, Second Edition presents environmental science to the non-science student, specifically focusing on environmental chemistry, yet requiring no background in chemistry. This book is a self-contained text, offering all the information necessary for readers to understand the topics discussed. It provides a foundation in science, chemistry, and toxicology, including the laws of thermodynamics, chemical bonding, and environmental toxins. This information then allows readers to delve into environmental topics, such as energy in society, air quality, global atmospheric concerns, water quality, and solid waste management. The arrangement of the book allows instructors flexibility in how they present the material, with the crucial topics being covered first. This second edition had been updated throughout and contains the following revisions: Addition of a glossary of important terms Extensive revision of the discussion questions at the end of each chapter to require more critical thinking skills Updates to the environmental data The division of the foundational chapter on chemistry into two chapters, so each one is more palatable Coverage of fracking, the Fukushima nuclear disaster, and the 2010 Gulf oil spill The book provides a qualitative approach, presenting the chemistry of the environment in such a way that students who have little or no science background can gain understanding and appreciation of this important subject.

The elite French Zouaves, with their distinctive, colorful uniforms, set an influential example for volunteer soldiers during the Civil War and continued to inspire American military units for a century. Hundreds of militia companies adopted the flamboyant uniform to emulate the gallantry and martial tradition of the Zouaves. Drawing on fifty years of research, this volume provides a comprehensive state-by-state catalog of American Zouave units, richly illustrated with rare and previously unpublished photographs and drawings. The author dispels many misconceptions and errors that have persisted over the last 150 years.

Out of UniformYour Guide to a Successful Military-to-Civilian Career TransitionU of Nebraska Press

During the period of Japanese domination, Kim Songsu emerged as one of Korea's leading cultural nationalists. This life history details his contribution to the self-strengthening programs moderate nationalists advocated as the foundation for Korea's independence.

Theatrical Representations of the Past in Conetmporary Theatre

A Focus of Discoveries

Probability and Statistics for Computer Scientists, Second Edition

Practical Prevention Strategies

A Handbook of Science, Practice, and Prevention

The Literary Gazette and Journal of the Belles Lettres, Arts, Sciences, &c