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Essays reviewing the progress of archaeological research and discoveries at English cathedrals, based on a 1989 conference held in Oxford. Contents include: The Archaeological Study of Cathedrals in England 1800-2000: A Review and Speculation (R. Morris); Seventeenth Century Work at Ripon and Hexham (R. N. Bailey); The Cathedral Priory Church at Bath (P. Davenport); The Origins and Development of the Twelfth-Century Cathedral Church at Carlisle (M. R. McCarthy); Archaeology and Chichester Cathedral (T. Tatton-Brown); Current Thinking on Glasgow Cathedral (R. Fawcett); The Archaeology of Gloucester Cathedral (C. Heighway); Archaeology and the Standing Fabric: Recent Investigations at Lichfield Cathedral (Warwick Rodwell); The Archaeology of Oxford Cathedral (J. Blair); Archaeology and Rochester Cathedral (T. Tatton-Brown); Above and Below Ground: Archaeology at Wells Cathedral (J. Crook); Robert Willis and the Study of Medieval Architecture (M. W. Thompson); Cathedral Carpentry (J. Munby); Dendrochronology in Cathedrals (W. G. Simpson and C. D. Litton); Mouldings in Medieval Cathedrals (R. K. Morris); Masons' Marks and Stone Buildings (J. S. Alexander); The Care of Cathedrals Measure 1990 (R. Gem). These four volumes bring together the best and most significant work in the career studies literature canon to date. The articles in this major work have been masterfully selected by the set's esteemed editors for their exceptional impact and influence, as well as to demonstrate the range of disciplinary perspectives that have been used as different lenses to understand the concept of "career." The result is a highly comprehensive yet user-friendly collection, which includes material on both "vocational" and "organizational" career studies; a true touchstone text for any scholar interested in expanding their knowledge of this far-reaching field. Unplugging the Classroom: Teaching with Technologies to Promote Students' Lifelong Learning provides techniques to help teaching and learning in an age where technology untethers instruction from the classroom, from semester seat-time, and from a single source of expertise. The book brings together researchers and practitioners from diverse academic fields, including library perspectives, and presents interdisciplinary discussions from both theoretical and applied areas. It is unique in its goal of bringing educators and librarians together to explore the challenges that are faced by students and faculty in any time, any place, any path, and any pace learning. In spite of the fact that the mobile revolution has definitively arrived, students and faculty alike aren't ready to make the leap to mobile learning. The pressures of technological advances, along with the changing nature of learning, will demand increasingly profound changes in education. Researchers have begun to address this issue, but the revolution in mobile communication has not been accompanied by a concomitant growth in pedagogical resources for educators and students. More importantly, such growth needs to be under-girded by sound learning theories and examples of best practice. Provides a hands-on resource useful to both novices and experts for technology-enabled teaching and learning Gives both discipline-specific and cross-disciplinary perspectives Discusses discipline-specific mobile applications Offers an opportunity to meet the needs of contemporary learners and foster their competencies as lifelong learners Addresses emerging issues in technology and pedagogy This work skeptically explores the notion that the internet will soon obviate any need for traditional print-based academic libraries. It makes a case for the library's staying power in the face of technological advancements (television, microfilm, and CD-ROM's were all once predicted as the contemporary library's heir-apparent), and devotes individual chapters to the pitfalls and prevarications of popular search engines, e-books, and the mass digitization of traditional print material. Describes methods of research and records found while researching the family of Luverser/Louisa McCrary, the author's seventh generation slave ancestor. Luverser McCrary was born ca. 1780 in Baldwin County, Georgia. Her daughter, Matilda, was born ca. 1825 in Baldwin County, Georgia. Matilda's husband, Simon McCants, was born ca. 1815 in Virginia and taken to Georgia as a slave. Matilda and Simon were married in 1866, as soon as they could legally marry. The surnames McCrary and McCants were adopted from the family names of slave owners. "There is an apocryphal story of an eminent neurology professor who was asked to provide a differential diagnosis. He allegedly quipped: "I can't give you a differential diagnosis. If you wish I will give you a list of wrong diagnoses followed by the right diagnosis." Sadly, this sort of arrogance pervaded our field, particularly in the era before there were accurate diagnostic methods and effective treatments of neurological diseases. Fortunately, this sort of pomposity is now relegated to the past and remains only as an antique reminder of a type of hubris that precluded discovery and progress in diseases of the nervous system"-- The Second Autumn Course on Mathematical Ecology was held at the International Centre for Theoretical Physics in Trieste, Italy in November and December of 1986. During the four year period that had elapsed since the First Autumn Course on Mathematical Ecology, sufficient progress had been made in applied mathematical ecology to merit tilting the balance maintained between theoretical aspects and applications in the 1982 Course toward applications. The course format, while similar to that of the first Autumn Course on Mathematical Ecology, consequently focused upon applications of mathematical ecology. Current areas of application are almost as diverse as the spectrum covered by ecology. The topics of this book reflect this diversity and were chosen because of perceived interest and utility to developing countries. Topical lectures began with foundational material mostly derived from Mathematical Ecology: An Introduction (a compilation of the lectures of the 1982 course published by Springer-Verlag in this series, Volume 17) and, when possible, progressed to the frontiers of research. In addition to the course lectures, workshops were arranged for small groups to supplement and enhance the learning experience. Other perspectives were provided through presentations by course participants and speakers at the associated Research Conference. Many of the research papers are in a companion volume, Mathematical Ecology: Proceedings Trieste 1986, published by World Scientific Press in 1988. This book is structured primarily by application area. Part II provides an introduction to mathematical and statistical applications in resource management. Explores the emerging subject of epidemic dynamics on complex networks, including theories, methods, and real-world applications Throughout history epidemic diseases have presented a serious threat to human life, and in recent years the spread of infectious diseases such as dengue, malaria, HIV, and SARS has captured global attention; and in the modern technological age, the proliferation of virus attacks on the Internet highlights the emergent need for knowledge about modeling, analysis, and control in epidemic dynamics on complex networks. For advancement of techniques, it has become clear that more fundamental knowledge will be needed in mathematical and numerical context about how epidemic dynamical networks can be modelled, analyzed, and controlled. This book explores recent progress in these topics and looks at issues relating to various epidemic systems. Propagation Dynamics on Complex Networks covers most key topics in the field, and will provide a valuable resource for graduate students and researchers interested in network science and dynamical systems, and related interdisciplinary fields. Key Features: Includes a brief history of mathematical epidemiology and epidemic modeling on complex networks. Explores how information, opinion, and rumor spread via the Internet and social networks. Presents plausible models for propagation of SARS and avian influenza outbreaks, providing a reality check for otherwise abstract mathematical modeling. Considers various infectivity functions, including constant, piecewise-linear, saturated, and nonlinear cases.

Examines information transmission on complex networks, and investigates the difference between information and epidemic spreading. This research topic focuses on epigenetic components of PTSD. Epigenetic mechanisms are a class of molecular mechanisms by which environmental influences, including stress, can interact with the genome to have long-term consequences for brain plasticity and behavior. Articles herein include empirical reports and reviews that link stress and trauma with epigenetic alterations in humans and animal models of early- or later-life stress. Themes present throughout the collection include: DNA methylation is a useful biomarker of stress and treatment outcome in humans; epigenetic programming of stress-sensitive physiological systems early in development confers an enhanced risk on disease development upon re-exposure to trauma or stress; and, long-lived fear memories are associated with epigenetic alterations in fear memory and extinction brain circuitry. International experts present in this volume advances in reconstructive neurosurgery focusing on the fields of neurotrauma and neurodegenerative disorders. The highlights include building an international strategy for risk reduction, documenting a multidisciplinary approach towards restoration of function in paraplegic spinal cord-injured patients, describing a new approach for statistical analysis in traumatic brain injury trials, describing blood flow changes in diffuse brain injury, discussing rehabilitation programs in Germany following acute brain injury, describing research data from Taiwan on neurotrauma, showing the neuropsychiatric effects from deep brain stimulation for movement disorders, defining the role played by imaging for deep brain stimulation targeting in mental illness, using radiosurgery in decompression in the treatment of trigeminal neuralgia, describing the development of radiosurgery from brain to the spine, listing new transgenic animal models of Parkinson's disease, discussing gene therapy for neuropathic pain and Parkinson's disease, and finally, discussing constrained-induced movement therapy for stroke patients, and endovascular therapy for cerebrovascular disorders.

Oxford English for Information Technology is a course for students of information technology and computing, or for people already working in the IT sector. It is suitable for use in universities, technical schools and on adult education programmes, with students at intermediate to advanced level who want to improve and extend their language skills in the context of IT. This second edition has been carefully and selectively revised to take account of recent developments in this fast-moving sector, and to ensure that the material is up to date. The new material reflects changes in such as technical specifications, new technologies, and working practices. The glossary has also been updated. July 2019 Printed in BLACK AND WHITE

The Army's Weapon Systems Handbook was updated in July 2019, but is still titled "Weapon Systems Handbook 2018." We are printing this in black and white to keep the price low. It presents many of the acquisition programs currently fielded or in development. The U.S. Army Acquisition Corps, with its 36,000 professionals, bears a unique responsibility for the oversight and systems management of the Army's acquisition lifecycle. With responsibility for hundreds of acquisition programs, civilian and military professionals collectively oversee research, development and acquisition activities totaling more than \$20 billion in Fiscal Year 2016 alone. Why buy a book you can download for free? We print this so you don't have to. We at 4th Watch Publishing are former government employees, so we know how government employees actually use the standards. When a new standard is released, somebody has to print it, punch holes and put it in a 3-ring binder. While this is not a big deal for a 5 or 10-page document, many DoD documents are over 400 pages and printing a large document is a time-consuming effort. So, a person that's paid \$25 an hour is spending hours simply printing out the tools needed to do the job. That's time that could be better spent doing mission. We publish these documents so you can focus on what you are there for. It's much more cost-effective to just order the latest version from Amazon.com. SDVOSB If there is a standard you would like published, let us know. Our web site is usgovpub.com

Contents: (1) Background: Command Structures and Components; Special Operations Forces in the Army, Navy, Air Force, Marine, and Joint; NATO Special Operations; (2) Current Organizational and Budgetary Issues: 2010 Quadrennial Defense Review Report SOF-Related Directives; 2010 USSOCOM Posture Statement; (3) Afghanistan-Related Issues: A Change of Command Relationship for U.S. SOF; U.S. SOF Direct Action Against Afghan Insurgents; Training Village Security Forces; (4) Issues for Congress: Are Current Command Relationships and Rules of Engagement Having a Detrimental Impact on Special Operations in Afghanistan?; Are We Making the Best Use of SOF in Afghanistan? This book analyzes schizophrenia management in the context of recent clinical therapeutic advances that have transformed the measurements and outcomes landscape. Unlike any other resource, this volume carefully develops the social and clinical guidelines that affect the life of the patient and defines its role in schizophrenia treatment outcomes. The text begins by determining the concepts, development, neuroscience, and guidelines for positive outcomes before analyzing the gaps in the literature. The text addresses medical concerns in relation to outcomes in schizophrenic patients, including substance use, impact from antipsychotic medications, and medical comorbidities. The text also covers external determinants that may inhibit positive outcomes, including cultural factors, stigma, and environmental issues. Written by experts in schizophrenia care, this book compiles sound research, current clinical trends, and modern measurement markers into a well-organized compendium that delivers this data into a practical guide for measuring treatment outcomes in patients suffering from the disease. Schizophrenia Treatment Outcomes is the ultimate guide for psychiatrists, psychologists, nurses, social workers, and all medical practitioners interested in improving outcomes for schizophrenia patients. A global exploration of coal geology, from production and use to chemical properties and coal petrology Coal Geology, 3rd Edition, offers a revised and updated edition of this popular book which provides a comprehensive overview of the field of coal geology including coal geophysics, hydrogeology and mining. Also covered in this volume are fully revised coverage of resource and reserve definitions, equipment and recording techniques together with the use of coal as an alternative energy source as well as environmental implications. This third edition provides a textbook ideally suited to anyone studying, researching or working in the field of coal geology, geotechnical engineering and environmental science. Fills the gap between academic aspects of coal geology and the practical role of geology in the coal industry Examines sedimentological and stratigraphical geology, together with mining, geophysics, hydrogeology, environmental issues and coal marketing Defines global coal resource classifications and methods of calculation Addresses the alternative uses of coal as a source of energy Covers a global approach to coal producers and consumers This book provides a comprehensive account of vascular biology and pathology and its significance for health and disease. It systematically and chronologically explains how we came to our current understanding of the vasculature and its function today, and describes in an entertaining way the diverse flaws and turns in science and medicine from the past. It thereby offers a complete and well-studied history on vascular biology and medicine. The book has an easy-to-read style and is written for students as well as scientists, physicians and lecturers in the field of biomedicine, human physiology, cardiology and hematology. Every year, tens of thousands of American women give birth at home or in birth centers with a direct-entry midwife. Most of them believe that this practice is "at least as safe" as giving birth in a hospital, and midwives often say

that studies have proven this to be true. But what does the evidence actually show? Join former Certified Professional Midwife Leigh Fransen as she uncovers the truth in this compelling report. Fransen graduated from a well-known midwifery school in Florida and co-founded a successful South Carolina birth center, but found herself battling increasing concern regarding direct-entry midwifery and nonhospital birth. After three local babies died at birth, some hard questions had to be answered. Don't miss the details that every parent-to-be and concerned citizen must hear. This book explores how the current sustained economic slow-down in North America and Europe has increased immigrant vulnerability in the labor market and in their daily lives. It details the ways this global recession has affected the immigrants themselves, their identities, as well as their countries of origin. The book presents an interdisciplinary dialogue as well as offer a transatlantic comparative perspective. It first focuses on the immediate effects of the Great Recession on immigrants' employment. Next, it connects the experience of immigrants in the labor market with their experiences in the social arena in receiving societies. Coverage also explores the effects of the economic downturn on transnational practices, remittances and return of Latin American migrants to their countries of origin. This volume will be of great interest to faculty and graduate students who are interested in international migration studies from the fields of sociology, economics, anthropology, geography, political sciences, and other social sciences. It will also be of interest to professionals and policy makers working on international migration policy and the general public interested on the topic. The intriguing and daring story of the Australian coast-watchers in New Britain and the Solomon Islands during World War II is fairly well known, but they were part of a wider organisation. The Allied Intelligence Bureau was General MacArthur's intelligence, special operations and field propaganda unit in the Pacific War, 1942-45. The AIB was unique in its multinational composition. Under American leadership, it included British, Dutch, Australian, New Zealand and Canadian members, although many of the leaders and most of the field operatives were Australian. Its area of operations stretched from New Guinea to the Solomon Islands and from Indonesia, including Borneo, to the Asian mainland. Using much newly released, formerly secret archival material from Britain, the USA and Australia, this new full-scale study of the AIB examines for the first time relations between operatives and native peoples - a relationship critical for the success or failure of missions that were often appallingly dangerous. It also lays bare the power struggles within the organisation itself - conflicts over national, military and personal interests that were constant and intense - heightened by the conduct of war at a time that was, without doubt, the most desperate in Australian history. This book gives a complete picture of the canola crop including its history, botany, genetics, distribution, breeding and biotechnology, production, processing, composition, nutritional properties and utilization of the seed, oil and meal, as well as an economic profile. While the main focus in this book is on canola of Canadian origin, its cousin crop oilseed rape will also be discussed to a lesser extent. The work provides up-to-date information on the crop and highlights areas where research and development is either needed or is in process. Provides extensive information on the canola plant, including breeding, genetic engineering for trait development, and seed morphology and composition Editors and contributors are global leaders in canola research and application Offers a comprehensive overview of canola oil and meal composition, nutrition, and utilization Format: Paper Pages: 348 pp. Published: 1999 Reprinted: 2006 Price: \$35.00 \$23.50 - Save: 33% ISBN: 9780806348377 Item #: CF9248 In 1850 and again in 1860, the U.S. government carried out a census of slave owners and their property. Transcribed by Mr. Cox, the 1850 U.S. slave census for Georgia is important for two reasons. First, some of the slave owners appearing here do not appear in the 1850 U.S. census of population for Georgia and are thus "restored" to the population of 1850. Second, and of considerable interest to historians, the transcription shows that less than 10 percent of the Georgia white population owned slaves in 1850. In fact, by far the largest number of slave owners were concentrated in Glynn County, a coastal county known for its rice production. The slave owners' census is arranged in alphabetical order according to the surname of the slave owner and gives his/her full name, number of slaves owned, and the county of residence. It is one of the great disappointments of the ante bellum U.S. population census that the slaves themselves are not identified by name; rather, merely as property owned. Nevertheless, now that Mr. Cox has made the names of these Georgia slave owners with their aggregations of slaves more widely available, it may be just possible that more persons with slave ancestors will be able to trace them via other records (property records, for example) pertaining to the 37,000 slave owners enumerated in this new volume. An account of the known anatomy, pathology, molecular biology and diagnosis of neuropsychiatric diseases, this text combines clinical, radiological and laboratory illustrations for comparative information. It deals with dementias, psychoses, congenital disorders, epilepsy and motor disorders. Full color publication. This document has been produced and updated over a 21-year period. It is intended to be a handy reference document, basically one page per flight, and care has been exercised to make it as error-free as possible. This document is basically "as flown" data and has been compiled from many sources including flight logs, flight rules, flight anomaly logs, mod flight descent summary, post flight analysis of mps propellants, FDRD, FRD, SODB, and the MER shuttle flight data and inflight anomaly list. Orbit distance traveled is taken from the PAO mission statistics. Does the identification number 60 indicate a toxic substance or a flammable solid, in the molten state at an elevated temperature? Does the identification number 1035 indicate ethane or butane? What is the difference between natural gas transmission pipelines and natural gas distribution pipelines? If you came upon an overturned truck on the highway that was leaking, would you be able to identify if it was hazardous and know what steps to take? Questions like these and more are answered in the Emergency Response Guidebook. Learn how to identify symbols for and vehicles carrying toxic, flammable, explosive, radioactive, or otherwise harmful substances and how to respond once an incident involving those substances has been identified. Always be prepared in situations that are unfamiliar and dangerous and know how to rectify them. Keeping this guide around at all times will ensure that, if you were to come upon a transportation situation involving hazardous substances or dangerous goods, you will be able to help keep others and yourself out of danger. With color-coded pages for quick and easy reference, this is the official manual used by first responders in the United States and Canada for transportation incidents involving dangerous goods or hazardous materials. Psychophysics is a lively account by one of experimental psychology's seminal figures of his lifelong scientific quest for general laws governing human behavior. It is a landmark work that captures the fundamental themes of Stevens's experimental research and his vision of what psycho-physics and psychology are and can be. The context of this modern classic is detailed by Lawrence Marks's pungent and highly revealing introduction. The search for a general psychophysical law—a mathematical equation relating sensation to stimulus—pervades this work, first published in 1975. Stevens covers methods of measuring human psychophysical behavior: magnitude estimation, magnitude production, and cross-modality matching are used to examine sensory mechanisms, perceptual processes, and social consensus. The wisdom in this volume lies in its exposition of an approach that can apply generally to the study of human behavior

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