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Evolutionary Computation and Optimization Algorithms in Software Engineering: Applications and Techniques Chis, Monica 2010-06-30 Evolutionary Computation and Optimization Algorithms in Software Engineering: Applications and Techniques lays the foundation for the successful integration of evolutionary computation into software engineering. It surveys techniques ranging from genetic algorithms, to swarm optimization theory, to ant colony optimization, demonstrating their uses and capabilities. These techniques are applied to aspects of software engineering such as software testing, quality assessment, reliability assessment, and fault prediction models, among others, to providing researchers, scholars and students with the knowledge needed to expand this burgeoning application.

Exterior Ballistics with Applications Gjergj Klimi 2008-07-30 Exterior Ballistics with Applications Skydiving, Parachute Fall, Flying Fragments presents a modern approach to introduce the basics of exterior ballistics and its methods from the simple ideal model of projectile motion to the automatic solution of the differential equations of projectile flight using PC programs. The book uses different approaches to solve the differential equations of projectile motion among them the Siacci method and the numerical methods. The results obtained through the integration of differential equations of projectile flight are mostly analytical formulas that describe the projectile trajectory and make the exterior ballistics a comprehensible science. The Differential Equations of Projectile Flight are also integrated numerically using some original PC programs that can be easily modified to be used in similar scenarios or other new ones and give the reader the possibility to solve a great variety of Exterior Ballistics problem. Exterior Ballistics with Applications can be considered as an interdisciplinary applied mathematics and physics manuscript for the vast mathematics and physics models and techniques employed. It is a great source for applications in physics, calculus, differential equations, numerical methods, and PC programming as well. The book is illustrated with about 140 solved examples related to different artillery and infantry firearms that demonstrate the use of formulas and the solution methods of ballistics to find the elements of projectile trajectories. Exterior Ballistics with Applications includes as well two interesting topics that can be considered as applications of exterior ballistics: 1. Skydiving and parachute falling related with the trajectory of a parachutist launched from a horizontally flying airplane with un-deployed parachute, in different meteorological conditions, and in presence of air resistance and wind. 2. The ballistics of projectile fragments that is an important element of Terminal Ballistics necessary to study the effectiveness of fragmentation ammunitions on the personnel and objects, and other problems related with the construction of fragmentation ammunitions, or with Forensic Sciences. Exterior Ballistics with Applications is comprehensive and serves as reference material to provide answers to problems encountered in the practice of motion of unguided projectiles, skydiving and flying fragments of antipersonnel ammunitions.

Osteosarcopenia Gustavo Duque 2022-03-17 Falls, fractures, frailty, osteoporosis and sarcopenia are highly prevalent in older persons. While the concept of osteosarcopenia is new, it is a rapidly evolving and cross-disciplinary problem. Prevention and treatment are challenging and a combined therapeutic approach is needed. Osteosarcopenia provides evidence-based information on how to prevent and treat these conditions at multiple settings, including multiple illustrations, care pathways and tips to easily understand the pathophysiology, diagnostic methods and therapeutic approach to these conditions. This work evaluates the potential for a link between osteoporosis, sarcopenia and obesity. Presents diagnostic and therapeutic tips that facilitate the design and implementation of new care pathways, impacting the wellbeing of our older population Provides cross-disciplinary understanding by experts from the bone/osteoporosis field and the muscle/sarcopenia field Covers muscle and bone biology, mesenchymal stem cells, age-related changes and cross-talk between muscle, fat and bone, falls and fracture risk, glucose metabolism, diagnosis, imaging, and genetics of osteosarcopenia Explanatorium of Nature DK 2017-10-05 Jaw-dropping, up-close photography shows the natural world and

animals as you've never seen it before. From fruit to flowers, from shells to sharks, from ants to elephants, this extraordinary new encyclopedia will keep animal and nature enthusiasts aged 9 and over, utterly absorbed by amazing, close-up images. Explanatorium of Nature is the perfect way to find out how everything in nature works and why fungi, plants, animals, arthropods, fish, mammals, reptiles, amphibians and ecosystems exist and what they mean for our world. Discover how spiders spin webs, how flying works, how snakes kill, and , much more. Children will spend hours poring over the incredible details in nature, from the spines on a stinging nettle and lichen growing on a tree to the suckers on an iguana's feet. Using never-before-seen cross sections, macro, SEM, infrared and ultraviolet close-up pictures, this is your chance to truly get up close with our natural world.

Basic Veterinary Immunology Gerald N. Callahan 2014 Designed to fill the current gap in resources for teaching veterinary immunology, Basic Veterinary Immunology offers a solid background in the essentials of immunology within the context of veterinary medicine. The book combines a clinical framework complete with real-world examples to integrate the theory and practice of veterinary medicine. Each chapter begins with a clinically relevant veterinary issue and then presents one aspect of basic immunology in the context of that issue. All chapters include learning objectives and a clinical correlation follow-up section that includes student considerations and a review of the possible explanations for the clinical presentation. Illustrated with 250 full-color images and figures that will also be available as PowerPoint teaching aids, Basic Veterinary Immunology and related materials will be made available online to students, faculty, and clinical veterinarians in partnership with the Veterinary Information Network. Basic Veterinary Immunology will provide students with a good working knowledge of veterinary immunology that will serve them both in the completion of their curricula and in professional practice.

New Headway: Upper-Intermediate Third Edition: Workbook (Without Key) Liz Soars 2005-05-05 Clear focus on grammar Balanced, integrated-skills syllabus Real-world speaking skills - Everyday English, Spoken English, Music of English Full teacher support - resources, photocopyables, tests and more - in print and online Hot words and Hot verbs present and practise vital collocations

Parameter Setting in Evolutionary Algorithms F.J. Lobo 2007-03-16 One of the main difficulties of applying an evolutionary algorithm (or, as a matter of fact, any heuristic method) to a given problem is to decide on an appropriate set of parameter values. Typically these are specified before the algorithm is run and include population size, selection rate, operator probabilities, not to mention the representation and the operators themselves. This book gives the reader a solid perspective on the different approaches that have been proposed to automate control of these parameters as well as understanding their interactions. The book covers a broad area of evolutionary computation, including genetic algorithms, evolution strategies, genetic programming, estimation of distribution algorithms, and also discusses the issues of specific parameters used in parallel implementations, multi-objective evolutionary algorithms, and practical consideration for real-world applications. It is a recommended read for researchers and practitioners of evolutionary computation and heuristic methods.

GMAT Official Guide 2018 Verbal Review: Book + Online GMAC (Graduate Management Admission Council) 2017-06-19 "The only source of real GMAT questions from past exams"--Cover.

Differential Diagnosis and Management for the Chiropractor: Protocols and Algorithms Thomas Souza 2009-10-07 The Fourth Edition of this best-selling reference is a compendium of evidence-based approaches to the most common presenting complaints. Covering both musculoskeletal and visceral complaints, this text is intended to direct the chiropractor toward an appropriate plan of approach in both diagnostic evaluation and care.

Highlighting these approaches are flowcharts (algorithms), relevant historical questioning, and summaries of common conditions related to the presenting complaint.

NoSQL with MongoDB in 24 Hours, Sams Teach Yourself Brad Dayley 2014-08-21 NoSQL database usage is growing at a stunning 50% per year, as organizations discover NoSQL's potential to address even the most challenging Big Data and real-time database problems. Every NoSQL database is different, but one is the most popular by far: MongoDB. Now, in just 24 lessons of one hour or less, you can learn how to leverage MongoDB's immense power. Each short, easy lesson builds on all that's come before, teaching NoSQL concepts and MongoDB techniques from the ground up. Sams Teach Yourself NoSQL with MongoDB in 24 Hours covers all this, and much more: Learning how NoSQL is different, when to use it, and when to use traditional RDBMSes instead Designing and implementing MongoDB databases of diverse types and sizes Storing and interacting with data via Java, PHP, Python, and Node.js/Mongoose Choosing the right NoSQL distribution model for your application Installing and configuring MongoDB Designing MongoDB data models, including collections, indexes, and GridFS Balancing consistency, performance, and durability Leveraging the immense power of Map-Reduce Administering, monitoring, securing, backing up, and repairing MongoDB databases Mastering advanced techniques such as sharding and replication Optimizing performance

Canine and Feline Nephrology and Urology Dennis J. Chew 2011 Rev. ed. of: Manual of small animal nephrology and urology / Dennis J. Chew, Stephen P. DiBartola. New York: Churchill Livingstone, 1986.

Why David Sometimes Wins Marshall Ganz 2010-09-30 Why David Sometimes Wins tells the story of Cesar Chavez and the United Farm Workers' groundbreaking victory, drawing important lessons from this dramatic tale.

Offering insight from a longtime movement organizer and scholar, Ganz illustrates how they had the ability and resourcefulness to devise good strategy and turn short-term advantages into long-term gains.

Human Relations Andrew J. DuBrin 2001-07 For courses in Human Relations, Interpersonal Skills, Human Behaviour at Work, Applied Social Psychology With its blend of current and traditional interpersonal relations topics, this text concentrates on skill development and self-assessment. In addition to helping students become more effective communicators and leaders, it outlines strategies for successful group problem solving, techniques to increase personal productivity and manage stress, as well as tips on how to train, coach, and motivate others.

Biogas Technology Liangwei Deng 2020-05-28 This book focuses on agricultural waste treatment and renewable energy production from the perspective of anaerobic digestion. It covers topics on anaerobic digestion processes and practices in various types of biogas plant construction and management and systematically addresses the principle and main features of three kinds of anaerobic digestion systems: household digesters, biogas septic tanks, and biogas plants. Instructive, informative and easy to understand, the book offers a valuable asset for researchers, technicians, graduate students and managerial personnel working in the areas of renewable energy, agricultural ecological engineering and the treatment and utilization of agricultural wastes.

Gotti's Rules George Anastasia 2015-01-27 From the New York Times bestselling author of *Blood and Honor* and *The Last Gangster*—"one of the most respected crime reporters in the country" (60 Minutes)—comes the sure to be headline-making inside story of the Gotti and Gambino families, told from the unique viewpoint of notorious mob hit-man John Alite, a close associate of Junior Gotti who later testified against him. In *Gotti's Rules*, George Anastasia, a prize-winning reporter who spent over thirty years covering crime, offers a shocking and very rare glimpse into the Gotti family, witnessed up-close from former family insider John Alite, John Gotti Jr.'s longtime friend and protector. Until now, no one has given up the kind of personal details about the Gottis—including the legendary "Gotti Rules" of leadership—that Anastasia exposes here. Drawing on extensive FBI files and other documentation, his own knowledge, and exclusive interviews with insiders and experts, including mob-enforcer-turned-government-witness Alite, Anastasia pokes holes in the Gotti legend, demystifying this notorious family and its lucrative and often deadly machinations. Anastasia offers never-before-heard information about the murders, drug dealing, and extortion that propelled John J. Gotti to the top of the Gambino crime family and the treachery and deceit that allowed John A. "Junior" Gotti to follow in his father's footsteps. Told from street level and through the eyes of a wiseguy who saw it all firsthand, the result is a riveting look at a family whose hubris, violence, passion, and greed fueled a bloody rise and devastating fall that is still reverberating through the American underworld today. *Gotti's Rules* includes 8 pages of black-and-white photographs.

The Shanidar Neandertals Erik Trinkaus 2014-05-10 *The Shanidar Neandertals* describes the functional morphology of the Neanderthals and their place in human evolution based on a paleontological study of fossils discovered at Shanidar Cave in northeastern Iraq. Functional interpretations are provided that describe and discuss the individual fossils. The phylogenetic implications of the Shanidar specimens are also discussed. Comprised of 14 chapters, this book begins with an overview of the Neanderthal remains from the Shanidar Cave and the paleontological data obtained from the fossils. The discussion then turns to the history of the excavations in Shanidar Cave and the discoveries of the Neanderthals; morphometrics of the Shanidar remains; and determination of the age and sex of the Shanidar Neanderthals. Subsequent chapters focus on various aspects of the Neanderthal fossils, including the cranial and mandibular remains; the dental remains; the axial skeleton; and the upper and lower limb remains. The immature remains are also described, along with bodily proportions and the estimation of stature. This monograph will be of interest to archaeologists, anthropologists, paleontologists, and paleopathologists.

Osteosarcopenia: Bone, Muscle and Fat Interactions Gustavo Duque 2019-11-06 This edited work presents the most current evidence on osteosarcopenia from bench to bedside, which is expected to facilitate the understanding of this syndrome and to develop preventive and therapeutic strategies. With our aging population, chronic diseases such as osteoporosis and sarcopenia are becoming highly prevalent. Fortunately, our understanding of the bone and muscle interactions has increased in recent years. This has allowed to the coining of the term osteosarcopenia to describe a syndrome in which these two diseases overlap. This overlap between osteoporosis and sarcopenia has major negative effects not only on our older adults but also on health systems worldwide. Readers will find a highly translational approach that starts with a summary of recent discoveries on stem cells biology, muscle and bone interactions – including the role of local bone and muscle fat – followed by comprehensive reviews on myokines (i.e. myostatin), osteokines (i.e. osteocalcin) and adipokines (i.e. interleukins) as major players and determinants of bone and muscle loss with aging. In addition, the role of sex steroids (i.e. estrogens, androgens), and calciotropic hormones (i.e. parathyroid hormone, vitamin D) in the pathogenesis of this syndrome is also reviewed. Moreover, using practical diagnostic and therapeutic tips, this book summarizes the clinical characteristics of osteosarcopenic patients thus facilitating the diagnosis and treatment of this syndrome in clinical practice. Finally, the book presents the case for the Falls and Fractures

Clinic as the optimal model of care for this syndrome, aimed to avoid fragmentation and optimize osteosarcopenia care, and simultaneously prevent falls and fractures in older persons. This book offers relevant information on the mechanisms of osteosarcopenia, and a practical guide on how to identify and treat this geriatric syndrome and its adverse outcomes, which are dramatically affecting our aging population. The work is written by leaders in the field and is especially suited not only to any researcher in the musculoskeletal arena but also to medical specialists and allied health professionals involved in the care of older persons.

People of the Great Ocean Philip Houghton 2009-09-17 Human settlement of the western fringes of the Pacific occurred at least 40,000 years ago. Long, hazardous sea voyages were the only way of reaching the tiny islands scattered through this vast expanse of ocean. Food and shelter were hard to come by, even on land. This book documents how these settlers adapted culturally and biologically to the Pacific environment, and how this can explain the patterns seen today in New Zealand, Polynesia, Micronesia, and Melanesia. The book discusses the distinctive Pacific environment and how its inhabitants have evolved into large-bodied, muscular people to meet the particular demands of the region. People of the Great Ocean is a uniquely original work based on extensive research and careful analysis. Houghton's text presents detailed technical information, but remains highly readable and persuasive.

Beyond Technical Analysis Chande 2001-12-01

Engineering Drawing and Design Cecil Howard Jensen 2002 Engineering Drawing and Design offers the most comprehensive program available. The new exciting full-color text, supplemented with a broad spectrum of learning tools, brings real-world engineering drawing and design right into the classroom. Copyright © Libri GmbH. All rights reserved.

Diet, Nutrients, and Bone Health John J.B. Anderson 2016-04-19 Presenting recent advancements in research findings and the resulting new schools of thought on the physiology of human bone, this comprehensive reference examines information on dietary pattern and specific nutrients in bone health. Written by experts in the areas of nutrition, bone function, and medicine, chapters include research on a variety of bone-related topics including effects of vitamins, nutrients, and antioxidants; dietary requirements; physical exercise; bone hormones; lifestyle and effects through the life cycle; race and ethnicity; and prevention of bone diseases including osteopenia and osteoporosis.

Operations Management Nigel Slack 2019-04-22 Operations management is important, exciting, challenging ... and everywhere you look! Important, because it enables organisations to provide services and products that we all need Exciting, because it is central to constant changes in customer preference, networks of supply and demand, and developments in technology Challenging, because solutions must be must be financially sound, resource-efficient, as well as environmentally and socially responsible And everywhere, because in our daily lives, whether at work or at home, we all experience and manage processes and operations. The full text downloaded to your computer With eBooks you can: search for key concepts, words and phrases make highlights and notes as you study share your notes with friends eBooks are downloaded to your computer and accessible either offline through the Bookshelf (available as a free download), available online and also via the iPad and Android apps. Upon purchase, you'll gain instant access to this eBook. Time limit The eBooks products do not have an expiry date. You will continue to access your digital ebook products whilst you have your Bookshelf installed.

An Introduction to Real Estate Finance Edward Glickman 2013-10-14 An Introduction to Real Estate Finance serves as the core of knowledge for a single-semester first course in real estate finance. Unlike other real estate finance textbooks, with their encyclopedic but often stale details, it combines a short traditional text with a living website. The book gives students and professors highly applied information, and its regularly updated online features makes it especially useful for this practitioner-oriented audience. It covers fundamental topics such as accounting and tax, mortgages, capital markets, REITs and more. It also addresses the 2008 financial crisis and its impact on the real estate profession. This text is a valuable companion for students of real estate finance as well as financial analysts, portfolio managers, investors and other professionals in the field. Offers a concise, efficient, "finance-centric" alternative to traditional real estate finance texts Website gives readers the tools to find current information about their own areas of specialization—a unique approach not found in other real estate finance textbooks Gives students and professors the material to examine every subject in broad and highly detailed terms

Angels, Miracles, and Heavenly Encounters 2012-06-01 Inspiring True Stories of God's Intervention in Lives Today These inspiring real-life stories explore what happens when people encounter spiritual forces, and how their lives are undeniably changed. This dramatic collection includes accounts of contact with angels, near-death experiences, powerful prayer testimonies, and unexplainable miracles. Every story displays the victory of Christ and his kingdom over difficult circumstances and opposing forces. The outcomes include increased faith, a sense of the loving providence of God, a realigning of priorities, and a greater desire to share the gospel. In turn, the reader's faith will be strengthened knowing that if God can steer individuals through these unknown

territories, he certainly will care for their everyday lives.

Anxiety and Its Disorders David H. Barlow 2004-01-28 This landmark work is indispensable for anyone studying anxiety or seeking to deliver effective psychological and pharmacological treatments. Integrating insights from emotion theory, recent advances in cognitive science and neuroscience, and increasingly important findings from developmental psychology and learning, David H. Barlow comprehensively examines the phenomena of anxiety and panic, their origins, and the roles that each plays in normal and pathological functioning. Chapters coauthored by Barlow with other leading experts then outline what is currently known about the classification, presentation, etiology, assessment, and treatment of each of the DSM-IV anxiety disorders. A definitive resource for researchers and clinicians, this is also an ideal text for graduate-level courses.

Dancing the Dream Jamie Sams 1999-05-05 FIND YOUR SACRED PATH Widely recognized as one of the foremost teachers of Native American wisdom, Jamie Sams reveals the seven sacred paths of human spiritual development and explains how exploring each path leads to shifts in our personal relat

Anthropometry Stanley J. Ulijaszek 2005-09-15 Anthropometry is the measurement of human morphology. In this volume, distinguished contributors including anthropologists, human biologists, physiologists, nutritionists, and clinical scientists describe many of the ways in which anthropometry is used, and discuss problems associated with different methods of assessment. Topics include the measurement of growth asymmetry and variability in adult body size, measurement error and statistical issues in anthropometry and the construction and use of growth charts in growth monitoring. The use of anthropometry in assessments of body composition, physical performance and fitness is also discussed. The book will be of interest to graduates and researchers in human biology, anthropology and nutrition. It will also be useful to workers in sports medicine, ergonomics, orthopedics, and pediatrics.

Anaerobic Digestion of Biowaste in Developing Countries Christoph Lüthi 2014

General Climatology Howard J. Critchfield 1966

The Seven Day Mental Diet Emmet Fox 2013-07 An unabridged, unaltered edition of The Seven Day Mental Diet -

Geography of Jammu and Kashmir Majid Husain 1998

Forensic Accounting and Fraud Examination Mary-Jo Kranacher 2019-05-14 Forensic Accounting and Fraud Examination introduces students and professionals to the world of fraud detection and deterrence, providing a solid foundation in core concepts and methods for both public and private sector environments. Aligned with the National Institute of Justice (NIJ) model curriculum, this text provides comprehensive and up-to-date coverage of asset misappropriation, corruption, fraud, and other topics a practicing forensic accountant encounters on a daily basis. A focus on real-world practicality employs current examples and engaging case studies to reinforce comprehension, while in-depth discussions clarify technical concepts in an easily relatable style. End of chapter material and integrated IDEA and Tableau software cases introduces students to the powerful, user-friendly tools accounting professionals use to maximize auditing and analytic capabilities, detect fraud, and comply with documentation requirements, and coverage of current methods and best practices provides immediate relevancy to real-world scenarios. Amidst increased demand for forensic accounting skills, even for entry-level accountants, this text equips students with the knowledge and skills they need to successfully engage in the field.

Exterior Ballistics of Small Arms Gjergj Klimi 2009-03 The "Exterior Ballistics of Small Arms" is a book mainly about the flight of projectiles of small arms and, at the same time, represents an extension to "Exterior Ballistics with Applications Skydiving, parachute Fall, flying fragments", by Gjergj Klimi, already published by Xlibris in July 30th, 2008. The book contains the Exterior Ballistics PC programs that were not possible to be included in the "Exterior Ballistics with Applications" as well as 76 illustration examples and exercises that can be solved mainly using the Exterior Ballistics PC programs presented in this book. The book has 19 PC Programs. The present book is addressed to amateurs and professionals interested in exterior ballistics, and in shooting with small arms, hunting and sporting rifles, and in general to the readers interested in the field of military and applied science. The simple undergraduate mathematics that is used to present the material and the PC programs makes the book attractive to amateurs and training experts that continuously practice to improve the accuracy of shooting with small arms. The small firearm marksmen find in the book simple theoretical explanations to some basics concepts and characteristics of exterior ballistics and practice of shooting with small arms such as the ballistics coefficient, rifleman's rule, inclined fire, mountain firing, firing in non-standard atmosphere and in presence of wind, etc. All explanations as well as the proofs of some fundamental rules of exterior ballistics are based on the flight of the projectile in presence of drag.

Tibet Past and Present Charles Bell 1996-01-01 The book deals with Tibetan history from the earliest times, but especially with the aims and movements of the period witnessed by the author. Anecdotes, conversations with leading Tibetans, and quotations from poetry and proverbs illustrate the Tibetan point of view. Sir Charles Bell gives an inside view of the Tibetans; he served for eighteen years on the Indo-Tibetan frontier, spoke and wrote the Tibetan language, and was brought into close touch with all classes from the reigning Dalai Lama downwards. Recent developments in Tibet have attracted worldwide attention and through this Indian edition, Sir

Charles Bell's classic study will perhaps be more eagerly read now than ever before.

Objective General Knowledge Thorpe Edgar 2011-09

Indian Foreign Policy and the Border Dispute with China Willem Frederik Eekelen 2013-12-11

Extraordinary Circumstances Cynthia Cooper 2010-06-03 The longer WorldCom Chief Audit Executive Cynthia Cooper stares at the entries in front of her, the more sinister they seem. But the CFO is badgering her to delay her team's audit of the company's books and directing others to block Cooper's efforts. Still, something in the pit of her stomach tells her to keep digging. Cooper takes readers behind the scenes on a riveting, real-time journey as she and her team work at night and behind closed doors to expose the largest fraud in corporate history. Whom can they trust? Could she lose her job? Should she fear for her physical safety? In *Extraordinary Circumstances*, she recounts for the first time her journey from her close family upbringing in a small Mississippi town, to working motherhood and corporate success, to the pressures of becoming a whistleblower, to being named one of Time's 2002 Persons of the Year. She also provides a rare insider's glimpse into the spectacular rise and fall of WorldCom, a telecom titan, the darling of Wall Street, and a Cinderella story for Mississippi. With remarkable candor, Cooper discusses her struggle to overcome these challenges, and how she has found healing through sharing the lessons learned with the next generation. This book reminds us all that ethical decision-making is not forged at the crossroads of major events but starts in childhood, "decision by decision and brick by brick." At a time when corporate dishonesty is dominating public attention, *Extraordinary Circumstances* makes it clear that the tone set at the top is critical to fostering an ethical environment in the work-place. Provocative, moving, and intensely personal, *Extraordinary Circumstances* is a wake-up call to corporate leaders and an intimate glimpse at a scandal that shook the business world.

Neanderthals Revisited Katerina Harvati 2007-03-14 This volume presents the cutting-edge research of leading scientists, re-examining the major debates in Neanderthal research with the use of innovative methods and exciting new theoretical approaches. Coverage includes the re-evaluation of Neanderthal anatomy, inferred adaptations and habitual activities, developmental patterns, phylogenetic relationships, and the Neanderthal extinction; new methods include computer tomography, 3D geometric morphometrics, ancient DNA and bioenergetics. The book offers fresh insight into both Neanderthals and modern humans.

BetterPhoto Basics Jim Miotke 2011-02-09 Absolutely anyone can take better photos! If you can press a button, you can take great pictures. It's as simple as that. In *BetterPhoto Basics*, Jim Miotke, founder of the popular online photography school *BetterPhoto.com*, shares tips and tricks to improve your photos right away, no matter what camera you're using. Too busy to read a book? No problem—flip to any page for an instant tip to use right away! Learn to compose knockout shots, make the most of indoor and outdoor light, and photograph twenty popular subjects, from sunsets and flowers to a family portrait. Those who want to go further get tips on controlling exposure and the secrets behind ten advanced creative techniques. And everyone will appreciate Jim's breakdown of easy fixes to make in Photoshop. No matter what your level of experience, you'll be amazed how easy it is to start taking photos like the pros.

Fluid, Electrolyte, and Acid-Base Disorders in Small Animal Practice - E-Book Stephen P. DiBartola 2011-06-01

The leading reference for the diagnosis and management of fluid, electrolyte, and acid-base imbalances in small animals, *Fluid, Electrolyte, and Acid-Base Disorders in Small Animal Practice*, 4th Edition provides cutting-edge, evidence-based guidelines to enhance your care of dogs and cats. Information is easy to find and easy to use, with comprehensive coverage including fluid and electrolyte physiology and pathophysiology and their clinical applications, as well as the newest advances in fluid therapy and a discussion of a new class of drugs called vaptans. Lead author Stephen DiBartola is a well-known speaker and the "go-to" expert in this field, and his team of contributors represents the most authoritative and respected clinicians and academicians in veterinary medicine. Over 30 expert contributors represent the "cream of the crop" in small animal medicine, ensuring that this edition provides the most authoritative and evidence-based guidelines. Scientific, evidence-based insights and advances integrate basic physiological principles into practice, covering patient evaluation, differential diagnosis, normal and abnormal clinical features and laboratory test results, approaches to therapy, technical aspects of therapy, patient monitoring, assessing risk, and prediction of outcomes for each disorder. Hundreds of tables, algorithms, and schematic drawings demonstrate the best approaches to diagnosis and treatment, highlighting the most important points in an easy-access format. Drug and dosage recommendations are included with treatment approaches in the Electrolyte Disorders section. Clear formulas in the Fluid Therapy section make it easier to determine the state of dehydration, fluid choice, and administration rate and volume in both healthy and diseased patients. Updated chapters cover the latest advances in fluid therapy in patient management, helping you understand and manage a wide range of potentially life-threatening metabolic disturbances. Expanded Disorders of Sodium and Water chapter includes information on a new class of drugs called vaptans, vasopressin receptor antagonists that may soon improve the ability to manage patients with chronic hyponatremia. Hundreds of new references cover the most up-to-date advances in fluid therapy,

including renal failure and shock syndromes.