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SQL in a Nutshell applies the eminently useful "Nutshell" format to Structured Query Language (SQL), the elegant--but complex--descriptive language that is used to create and manipulate large stores of data. For SQL programmers, analysts, and database administrators, the new second edition of SQL in a Nutshell is the essential date language reference for the world's top SQL database products. SQL in a Nutshell is a lean, focused, and thoroughly comprehensive reference for those who live in a deadline-driven world. This invaluable desktop quick reference drills down and documents every SQL command and how to use it in both commercial (Oracle, DB2, and Microsoft SQL Server) and open source implementations (PostgreSQL, and MySQL). It describes every command and reference and includes the command syntax (by vendor, if the syntax differs across implementations), a clear description, and practical examples that illustrate important concepts and uses. And it also explains how the leading commercial and open sources database product implement SQL. This wealth of information is packed into a succinct, comprehensive, and extraordinarily easy-to-use format that covers the SQL syntax of no less than 4 different databases. When you need fast, accurate, detailed, and up-to-date SQL information, SQL in a Nutshell, Second Edition will be the quick reference you'll reach for every time. SQL in a Nutshell is small enough to keep by your keyboard, and concise (as well as clearly organized) enough that you can look up the syntax you need quickly without having to wade through a lot of useless fluff. You won't want to work on a project involving SQL without it.

When you think about how far and fast computer science has progressed in recent years, it's not hard to conclude that a seven-year old handbook may fall a little short of the kind of reference today's computer scientists, software engineers, and IT professionals need. With a broadened scope, more emphasis on applied computing, and more than 70 chap

HITLER IS GONE. PLAN Z IS DEFEATED. BUT THE DEAD STILL WALK. Jun is a deadhunter—and a damn good one. For her, patrolling Northern Italy with Sergeant Josiah and his elite squad, eradicating zombies and searching for survivors is nothing new. When the squad encounters a group of refugees being relentlessly pursued by the Dead, they uncover a new threat: a secret Alpine Redoubt stuffed with SS and Hitler Youth, who have seemingly gained control over the Dead. The race is on: neutralise the Nazi menace, destroy the secret base, and stem the tide of Dead—or lose Europe to an unstoppable zombie army. World War Two is over, but the Dead War is just beginning...

The third edition of Astronomical Spectroscopy examines the physics necessary to understand and interpret astronomical spectra. It offers a step-by-step guide to the atomic and molecular physics involved in providing astronomical spectra starting from the relatively simple hydrogen atom and working its way to the

spectroscopy of small molecules. Based on UCL course material, this book uses actual astronomical spectra to illustrate the theoretical aspects of the book to give the reader a feel for such spectra as well as an awareness of what information can be retrieved from them. It also provides comprehensive exercises, with answers given, to aid understanding.

The 7th edition of this classic text continues to provide the same high quality material seen in previous editions. The text is extensively rewritten with updated prose for content clarity, superb new problems in new application areas, outstanding instruction on drawing free body diagrams, and new electronic supplements to assist readers. Furthermore, this edition offers more Web-based problem solving to practice solving problems, with immediate feedback; computational mechanics booklets offer flexibility in introducing Matlab, MathCAD, and/or Maple into your mechanics classroom; electronic figures from the text to enhance lectures by pulling material from the text into Powerpoint or other lecture formats; 100+ additional electronic transparencies offer problem statements and fully worked solutions for use in lecture or as outside study tools. This book gathers the proceedings of the 30th Scientific-Experts Conference of Agriculture and Food Industry, held on September 26-27, 2019, in Sarajevo, Bosnia and Herzegovina. It reports on the application of innovative technologies in food sciences and agriculture, and covers research in plant and animal production, agricultural economics and food production. Further, the book discusses key social and environmental issues, and proposes answers to current challenges. The conference was jointly organized by the Faculty of Agriculture and Food Sciences of the University of Sarajevo, Bosnia and Herzegovina, the Faculty of Agriculture of Ege University, Turkey, the Bosnia and Herzegovina Medical and Biological Engineering Society, and the Faculty of Agriculture of the University of Belgrade, Serbia. The proceedings offer a timely snapshot of cutting-edge, multidisciplinary research and developments in modern agriculture. As such, they address the needs of researchers and professionals, agricultural companies, food producers, and regulatory and food safety agencies.

NASA's James Webb Space Telescope (JWST), planned for operation in about five years, will have the capability to investigate – and answer – some of the most challenging questions in astronomy. Although motivated and designed to study the very early Universe, the performance of the observatory's instruments over a very wide wavelength range will allow the world's scientific community unequaled ability to study cosmic phenomena as diverse as small bodies in the Solar System and the formation of galaxies. As part of preparation to use JWST, a conference was held in Tucson, Arizona in 2007 that brought together astronomers from around the world to discuss the mission, other major facilities that will operate in the coming decade, and major scientific goals for them. This book is a compilation of those presentations by some of the leading researchers from all branches of astronomy. This book also includes a "pre-history" of JWST, describing the lengthy process and some of the key individuals that initiated early

work on the concepts that would evolve to become the premier space observatory of the next decade.

This volume provides a comprehensive treatment of the latest research on oxidative stress and antioxidant defenses in all types of aerobic organisms. This book investigates oxidative stress in prokaryotes, protists, plants, fungi, vertebrates, and invertebrates, stimulating cross-fertilization among diverse fields. In addition, it explains the basic science of oxygen activation and oxidative stress as a foundation for more advanced material, making this book useful as a resource for both specialists and non-specialists.

Yancey explores reflection as a promising body of practice and inquiry in the writing classroom. Yancey develops a line of research based on concepts of philosopher Donald Schon and others involving the role of deliberative reflection in classroom contexts. Developing the concepts of reflection-in-action, constructive reflection, and reflection-in-presentation, she offers a structure for discussing how reflection operates as students compose individual pieces of writing, as they progress through successive writings, and as they deliberately review a compiled body of their work—a portfolio, for example. Throughout the book, she explores how reflection can enhance student learning along with teacher response to and evaluation of student writing. Reflection in the Writing Classroom will be a valuable addition to the personal library of faculty currently teaching in or administering a writing program; it is also a natural for graduate students who teach writing courses, for the TA training program, or for the English Education program.

ELIA M. LEIBOWITZ Director, Wise Observatory Chair, Scientific Organizing Committee The international symposium on "Astronomical Time Series" was held at the Tel Aviv University campus in Tel Aviv, from December 30 1996 to January 11 1997. It was organized in order to celebrate the 25th anniversary of the Florence and George Wise Observatory (WO) operated by Tel Aviv University. The site of the 1 meter telescope of the observatory is near the town of Mitzpe-Ramon, some 220 km south of Tel Aviv, at the center of the Israeli Negev highland. There were two major reasons for the choice of Time Series as the subject matter for our symposium. One is mainly concerned with the subject matter itself, and one is related particularly to the Wise Observatory. There is hardly any doubt that astronomical time series are among the most ancient concepts in human civilization and culture. One can even say that astronomical time series preceeded astronomy itself, as the impression of the day /night cycle on Earth is probably the first and most fundamental effect that impress a human being, or, in fact, most living creatures on this planet. An echo of this idea. can be heard in the Biblical story of Creation, where the concept of night and day preceeds the creation of the astronomical objects.

Edible insects have always been a part of human diets, but in some societies there remains a degree of disdain and disgust for their consumption. Insects offer a significant opportunity to merge traditional knowledge and modern science to improve human food security worldwide. This publication describes the contribution of insects to food security and examines future prospects for raising insects at a commercial scale to improve food and feed production, diversify diets, and support livelihoods in both developing and developed countries. Edible insects are a promising alternative to the conventional production of meat, either for direct human consumption or for indirect use

as feedstock. This publication will boost awareness of the many valuable roles that insects play in sustaining nature and human life, and it will stimulate debate on the expansion of the use of insects as food and feed.

Alternative protein sources are urgently required as the available land area is not sufficient to satisfy the growing demand for meat. Insects have a high potential of becoming a new sector in the food and feed industry, mainly because of the many environmental benefits when compared to meat production. This will be outlined in the book, as well as the whole process from rearing to marketing. The rearing involves large scale and small scale production, facility design, the management of diseases, and how to assure that the insects will be of high quality (genetics). The nutrient content of insects will be discussed and how this is influenced by life stage, diet, the environment and processing. Technological processing requires decontamination, preservation, and ensuring microbial safety. The prevention of health risks (e.g. allergies) will be discussed as well as labelling, certification and legislative frameworks. Additional issues are: insect welfare, the creation of an enabling environment, how to deal with consumers, gastronomy and marketing strategies. Examples of production systems will be given both from the tropics (palm weevils, grasshoppers, crickets) and from temperate zones (black soldier flies and house flies as feed and mealworms and crickets as food).

Anesthesia Equipment: Principles and Applications, 2nd Edition, by Dr. Jan Ehrenwerth and Dr. James B. Eisenkraft, offersexpert, highly visual, practical guidance on the full range of delivery systems and technology used in practice today. It equips you with the objective, informed answers you need to ensure optimal patient safety. Make informed decisions by expanding your understanding of the physical principles of equipment, the rationale for its use, delivery systems for inhalational anesthesia, systems monitoring, hazards and safety features, maintenance and quality assurance, special situations/equipment for non-routine adult anesthesia, and future directions for the field. Ensure patient safety with detailed advice on risk management and medicolegal implications of equipment use. Apply the most complete and up-to-date information available on machines, vaporizers, ventilators, breathing systems, vigilance, ergonomics, and simulation. Visualize the safe and effective use of equipment thanks to hundreds of full-color line drawings and photographs. Access the complete text and images online, fully searchable, at www.expertconsult.com.

Weighing as much as 2,000 pounds and reaching lengths of over seven feet, leatherback turtles are the world's largest reptile. These unusual sea turtles have a thick, pliable shell that helps them to withstand great depths—they can swim more than one thousand meters below the surface in search of food. And what food source sustains these goliaths? Their diet consists almost exclusively of jellyfish, a meal they crisscross the oceans to find. Leatherbacks have been declining in recent decades, and some predict they will be gone by the end of this century. Why? Because of two primary factors: human redevelopment of nesting beaches and commercial fishing. There are only twenty-nine index beaches in the world where these turtles nest, and there is immense pressure to develop most of them into homes or resorts. At the same time, longline and gill net fisheries continue to overwhelm waters frequented by leatherbacks. In *The Leatherback Turtle*, James R. Spotila and Pilar Santidrián Tomillo bring together the world's leading experts to produce a volume that reveals the biology of the

leatherback while putting a spotlight on the conservation problems and solutions related to the species. The book leaves us with options: embark on the conservation strategy laid out within its pages and save one of nature's most splendid creations, or watch yet another magnificent species disappear.

The present volume, *Smart Technologies and Fundamental Rights*, contains fourteen outstanding and challenging articles concerning fundamental rights and Artificial Intelligence at the intersection of law, ethics and smart technologies.

This book offers a contemporary look at Somali from the standpoint of its major varieties and provides a comprehensive account of the language that is grounded in linguistic theory and the latest scholarship. The grammar includes an extensive array of examples drawn from online corpora and from fieldwork with native speakers of the language.

The latest edition of the bestselling *Groundwater Chemicals Desk Reference* has been thoroughly updated and expanded. In addition to information concerning the environmental fate and transport in various media, organic priority pollutants and chemicals commonly found in the workplace and the environment, it includes toxicity information for mammals and aquatic species in a clear, consistent format.

Due to the simplicity, relative accuracy, fast result reporting, and user-friendliness of lateral flow immunoassay, its use has undergone tremendous growth in the diagnostic industry in the last few years. Such technology has been utilized widely and includes pregnancy and woman's health determination, cardiac and emergency conditions monitoring and testing, infectious disease including Flu screening, cancer marker screening, and drugs abuse testing. This book covers the scope of utilization, the principle of the technology, the patent concerns, information on the development and production of the test device and specific applications will be of interest to the diagnostic industry and the general scientific community.

Delve into the core of ethics today in your course with the latest practical, applied coverage found in Ferrell/Fraedrich/Ferrell's *BUSINESS ETHICS 2009 UPDATE*.

Whether you use this book as a supplement or primary text in your undergraduate or graduate course, the accessible, up-to-date approach provides unmatched insights into the complex environment in which contemporary managers make ethical decisions. The book's solid managerial framework and new updates highlight the latest developments in ethics and how they relate to overall ethics concepts, processes, and best practices used throughout successful business ethics programs. Your students see how ethics can play a critical role in key strategic business decisions. Captivating new cases and engaging examples reflect today's most recent business developments and crises.

Rather than focusing on intellectual reasoning alone or a philosophical discussion of ideas, the book's proven learning features help students prepare and practice confronting the types of actual ethical dilemmas they will face in today's business world. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This edited book, *Smart Agriculture: An Approach towards Better Agriculture Management* aims to present utilization of advanced technologies towards the better management of Agriculture requirements. The book is triggered by ubiquitous applications of sensors and actuators, and the real-world challenges and complexities to the *Wireless Sensors and Actuator Networks* (WSAN) application. Agriculture is a

very vast domain. This book is providing coverage of some of the aspects of the agriculture like Introduction to the concept of Smart Agriculture, Automatic Irrigation Management, Water Management, use of advanced technology like GIS towards Agriculture and Agricultural Ontologies to provide semantic understanding for computing devices.

This book represents the seventeenth edition of the leading IMPORTANT reference work MAJOR COMPANIES OF THE ARAB WORLD. All company entries have been entered in MAJOR COMPANIES OF THE ARAB WORLD absolutely free of This volume has been completely updated compared to last charge, thus ensuring a totally objective approach to the year's edition. Many new companies have also been included information given. this year. Whilst the publishers have made every effort to ensure that the information in this book was correct at the time of press, no The publishers remain confident that MAJOR COMPANIES responsibility or liability can be accepted for any errors or OF THE ARAB WORLD contains more information on the omissions, or for the consequences thereof. major industrial and commercial companies than any other work. The information in the book was submitted mostly by the ABOUT GRAHAM & TROTMAN LTD companies themselves, completely free of charge. To all those Graham & Trotman Ltd, a member of the Kluwer Academic companies, which assisted us in our research operation, we Publishers Group, is a publishing organisation specialising in express grateful thanks. To all those individuals who gave us the research and publication of business and technical help as well, we are similarly very grateful. information for industry and commerce in many parts of the world.

Every year there are 8.8 million new active cases and nearly two million deaths worldwide from tuberculosis (about 5,000 every day), mostly in the poorest communities of the developing world. One third of the world's population has latent TB which may later develop into an active form of the disease, and it has also become the leading cause of death among people with HIV. Multidrug-resistance is also a growing problem. A key challenge for the public health community is to be able to effectively diagnose patients so that valuable resources and medicines are not wasted on misdiagnosis and repeat treatments. This report, written by an international network of researchers and policy experts, examines the global market for TB diagnostics available for active disease, latent infection, drug resistance and treatment response. It provides a sound basis for diagnostics development suitable for various levels of health systems in industrialised and developing countries.

Twelve Years a Slave (1853) is a memoir and slave narrative by Solomon Northup, as told to and edited by David Wilson. Northup, a black man who was born free in New York, details his kidnapping in Washington, D.C. and subsequent sale into slavery. After having been kept in bondage for 12 years in Louisiana by various masters, Northup was able to write to friends and family in New York, who were in turn able to secure his release. Northup's account provides extensive details on the slave markets in Washington, D.C. and New Orleans and describes at length cotton and sugar cultivation on major plantations in Louisiana.

The present work is a fine contribution to the broad field of environmental security in the context of risk assessment and management of obsolete pesticides for the region of Southeast Europe. The purpose of this book is to evaluate the existing knowledge of improper disposal of obsolete pesticides in the region, to estimate the associated

impact on environmental health, and to develop recommendations to mitigate or eliminate threats posed to the environment, biodiversity and human life. The issues discussed in the book include: reviews of the transport and fate of pesticides and associated contaminated materials in different environmental media and identification of the principal sources, emission routes and patterns of environmental pollution with pesticides; a recognition of the most suitable methods for environmental sampling analysis and sample preparation; an evaluation of the current methods and techniques for chemical and mass analysis of environmental and biological samples and discussion of the metrological and quality aspects of trace analyses; a characterization of the environmental and human health impacts of pesticide pollution, the health effects associated with acute and chronic exposure and the use of epidemiological data for risk assessment; a revision of the existing chemical safety regulations and strategies for protection and management of obsolete pesticide stocks; a survey of the international conventions, directives and standards concerning pesticide use.

The Pacific Rim Conference originally started with one research concentration only - binary star research. The first Conference was held in Beijing, China, 1985, the second one in Seoul and Taejon, South Korea, 1990 and the third one in Chiang Mai, Thailand, 1995. In recent years, the conference series evolved into a much broader area of stellar astrophysics. The first such conference was held in Hong Kong in 1997. Kwong-Sang Cheng, a. k. a. one of the three Musketeers, documented the "accidental" development in writing in the Proceedings of the 1997 Pacific Rim Conference on Stellar Astrophysics (Volume 138 of the ASP Conference Series)! The meeting at Hong Kong University of Science and Technology covered three major topics: binary stars, compact stars and solar type stars. The conference was extremely successful. There was a general feeling among the participants that the conference on stellar astrophysics provided a good means to share ideas between such closely related disciplines. Unfortunately after the very successful meeting at HKST, Kwing L. Chan (another Musketeer) thought that he had already served and would not like to chair for another LOC for at least five years! After a few drinks at one of the watering holes in Wan Chai district of Hong Kong, Kwong-Sang Cheng was in very hiRh spirit and volunteered to taking on the responsibility of hosting the 51 Pacific Rim Conference at Hong Kong University in 1999.

This book was first published in 2007. Variable stars are those that change brightness. Their variability may be due to geometric processes such as rotation, or eclipse by a companion star, or physical processes such as vibration, flares, or cataclysmic explosions. In each case, variable stars provide unique information about the properties of stars, and the processes that go on within them. This book provides a concise overview of variable stars, including a historical perspective, an introduction to stars in general, the techniques for discovering and studying variable stars, and a description of the main types of variable stars. It ends with short reflections about the connection between the study of variable stars, and research, education, amateur astronomy, and public interest in astronomy. This book is intended for anyone with some background knowledge of astronomy, but is especially suitable for undergraduate students and experienced amateur astronomers who can contribute to our understanding of these important stars.

"This is the fourth issue in the Global Re-introduction Perspectives series and has been

produced in the same standardized format as the previous three to maintain the style and quality. The casestudies are arranged in the following order: Introduction, Goals, Success Indicators, Project Summary, Major Difficulties Faced, Major Lessons Learned, Success of Project with reasons for success or failure. For the first issue I managed to collect 62 casestudies, the second issue 72 case-studies, the third issue 50 casestudies and this one 52 case-studies. These case studies in this issue cover the following taxa as follows: Invertebrates, Fish, Amphibians, Reptiles, Birds, Mammals, Plants... We hope the information presented in this book will provide a broad global perspective on challenges facing re-introduction projects trying to restore biodiversity."--Pritpal S. Soorae.

ALL YOU NEED TO KNOW TO SECURE LINUX SYSTEMS, NETWORKS, APPLICATIONS, AND DATA—IN ONE BOOK From the basics to advanced techniques: no Linux security experience necessary Realistic examples & step-by-step activities: practice hands-on without costly equipment The perfect introduction to Linux-based security for all students and IT professionals Linux distributions are widely used to support mission-critical applications and manage crucial data. But safeguarding modern Linux systems is complex, and many Linux books have inadequate or outdated security coverage. Linux Essentials for Cybersecurity is your complete solution. Leading Linux certification and security experts William “Bo” Rothwell and Dr. Denise Kinsey introduce Linux with the primary goal of enforcing and troubleshooting security. Their practical approach will help you protect systems, even if one or more layers are penetrated. First, you’ll learn how to install Linux to achieve optimal security upfront, even if you have no Linux experience. Next, you’ll master best practices for securely administering accounts, devices, services, processes, data, and networks. Then, you’ll master powerful tools and automated scripting techniques for footprinting, penetration testing, threat detection, logging, auditing, software management, and more. To help you earn certification and demonstrate skills, this guide covers many key topics on CompTIA Linux+ and LPIC-1 exams. Everything is organized clearly and logically for easy understanding, effective classroom use, and rapid on-the-job training. **LEARN HOW TO:** Review Linux operating system components from the standpoint of security Master key commands, tools, and skills for securing Linux systems Troubleshoot common Linux security problems, one step at a time Protect user and group accounts with Pluggable Authentication Modules (PAM), SELinux, passwords, and policies Safeguard files and directories with permissions and attributes Create, manage, and protect storage devices: both local and networked Automate system security 24/7 by writing and scheduling scripts Maintain network services, encrypt network connections, and secure network-accessible processes Examine which processes are running—and which may represent a threat Use system logs to pinpoint potential vulnerabilities Keep Linux up-to-date with Red Hat or Debian software management tools Modify boot processes to harden security Master advanced techniques for gathering system information

Active galactic nuclei (AGN), the most powerful objects in the universe, continue to receive a great deal of attention from observational astronomers & theorists. This book collects the results presented at a meeting held at Georgia State University in May 1990 on the topic of variability in active galactic nuclei. It is clear that careful analysis of variability over many wave bands is likely to give

clues to the nature of the central engine in AGN. The contributions are grouped in themes: multifrequency variability, UV-optical-IR variability, radio variability, & X-ray variability. One of the most exciting results reported here is that many blazars exhibit micro-variability. There is an important group of papers on NGC 5548 & other Seyfert galaxies. The meeting in Atlanta provided the first opportunity for discussion for those who participated in the worldwide campaign to observe NGC 5548, & new results are also announced for many quasars, Seyfert galaxies, BL Lacertae objects, & radio galaxies. The observational data are interspersed with theoretical insights that enable us to better understand the physical conditions & processes in galactic nuclei, including giant black holes thought to lurk in their cores.

A comprehensive, interdisciplinary picture of how lignocellulosic biorefineries could potentially employ lignin valorization technologies.

Among the various nanomaterials, inorganic nanoparticles are extremely important in modern technologies. They can be easily and cheaply synthesized and mass produced, and for this reason, they can also be more readily integrated into applications. *Inorganic Nanoparticles: Synthesis, Applications, and Perspectives* presents an overview of these special materials and explores the myriad ways in which they are used. It addresses a wide range of topics, including: Application of nanoparticles in magnetic storage media Use of metal and oxide nanoparticles to improve performance of oxide thin films as conducting media in commercial gas and vapor sensors Advances in semiconductors for light-emitting devices and other areas related to the energy sector, such as solar energy and energy storage devices (fuel cells, rechargeable batteries, etc.) The expanding role of nanosized particles in the field of catalysis, art conservation, and biomedicine The book's contributors address the growing global interest in the application of inorganic nanoparticles in various technological sectors.

Discussing advances in materials, device fabrication, and large-scale production—all of which are urgently required to reduce global energy demands—they cover innovations in areas such as solid-state lighting, detailing how it still offers higher efficiency but higher costs, compared to conventional lighting. They also address the impact of nanotechnology in the biomedical field, focusing on topics such as quantum dots for bioimaging, nanoparticle-based cancer therapy, drug delivery, antibacterial agents, and more. Fills the informational gap on the wide range of applications for inorganic nanoparticles in areas including biomedicine, electronics, storage media, conservation of cultural heritage, optics, textiles, and cosmetics Assembling work from an array of experts at the top of their respective fields, this book delivers a useful analysis of the vast scope of existing and potential applications for inorganic nanoparticles. Versatile as either a professional research resource or textbook, this effective tool elucidates fundamentals and current advances associated with design, characterization, and application development of this promising and ever-evolving device.

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