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KEY=SERVICE - KEITH MCCARTY

Small Animal Emergency and Critical Care for Veterinary Technicians - E-Book

Elsevier Health Sciences Master the veterinary technician's role in caring for critically ill or injured pets! Small Animal Emergency and Critical Care for Veterinary Technicians, 4th Edition provides quick access to dozens of common, life-saving protocols and procedures. Each treatment technique is described in step-by-step detail and illustrated in full color. To prepare you for the veterinary setting, a team approach is emphasized. This edition adds three new chapters and includes practical, easy-to-apply medical math and scenario-based exercises. Written by experienced veterinary technicians Andrea Battaglia and Andrea Steele, this resource prepares you for success on the VTNE, in veterinary practices, and in animal hospital emergency departments. Step-by-step instructions show how to perform specific procedures and techniques, guiding you through key assessment and treatment techniques. Technician Notes highlight specific procedures, with diagrams, photos, and detailed instructions, providing at-a-glance guidance for students and practicing vet techs. Comprehensive coverage of pain management, respiratory emergencies, and urologic emergencies provides cutting-edge treatment options for a wide variety of commonly seen presenting problems. Review and preparation for the VTNE (Veterinary Technician National Examination) is provided by Medical Math exercises and questions based on real-world scenarios. Coverage of equipment and techniques includes the latest advances in basic lab equipment, fluid therapy, and oxygen therapy. Equipment lists are provided at the beginning of most chapters, ensuring that you will have the appropriate tools on hand for each type of emergency situation. Practical exercises prepare you for success on the VTNE. NEW! Three new chapters are included: Supporting the Critically Ill or Injured through Physical Rehabilitation Techniques, Fostering Wellbeing in the ER and ICU, and Managing Pharmaceuticals in the ER. NEW! Chapter pretests assess your knowledge and allow you to identify your strengths and weaknesses. NEW and UPDATED photos and illustrations enhance your understanding by accurately depicting the clinical signs encountered in emergency and critical care.

An Introduction to Moral Philosophy

Second Edition

W.W. Norton & Company From respected philosopher and writer Jonathan Wolff, this brief introduction to ethics stimulates independent thought, emphasizes real-world examples, and provides clear and engaging introductions to key moral theories and the thinkers behind them. The new Second Edition offers expanded coverage of moral reasoning, as well as two thoughtful and contemporary new chapters on applying moral philosophy and the ethics of race. A companion primary source collection, Readings in Moral Philosophy, amplifies issues discussed in the text, connecting them to problems in applied ethics.

Blood Cells

A Practical Guide

John Wiley & Sons Blood Cells has been written with both the practising haematologist and the trainee in mind. It aims to provide a guide for use in the diagnostic haematology laboratory, covering methods of collection of blood specimens, blood film preparation and staining, the principles of manual and automated blood counts and the assessment of the morphological features of blood cells. The practising haematologist should find this book sufficiently comprehensive to be a reference source while, at the same time, the trainee haematologist and biomedical scientist should find it a straightforward and practical bench manual. Enables both the haematologist and laboratory scientist to identify blood cell features, from the most common to the more obscure Provides essential information on methods of collection, blood film preparation and staining, together with the principles of manual and automated blood counts Completely revised and updated, incorporating much newly published information: now includes advice on further tests when a specific diagnosis is suspected Four hundred high quality photographs to aid with blood cell identification Highlights the purpose and clinical relevance of haematology laboratory tests throughout

Chemiluminescence Immunoassay

Elsevier Science Limited Chemiluminescence immunoassay is now established as one of the best alternatives to conventional radioimmunoassay for the quantitation of low concentrations of analytes in complex samples. During the last two decades the technology has evolved into analytical procedures whose performance far exceeds that of immunoassays based on the use of radioactive labels. Without the constraints of radioactivity, the scope of this type of analytical procedure has widened beyond the confines of the specialist clinical chemistry laboratory to other disciplines such as microbiology, veterinary medicine, agriculture, food and environmental testing. This is the first work to present the topic as a subject in its own right. In order to provide a complete picture of the subject, overviews are presented of the individual areas of chemiluminescence and immunoassay with particular emphasis on the requirements for interfacing chemiluminescent and immunochemical reactions. The possible ways of configuring chemiluminescence immunoassays are described. State-of-the-art chemiluminescence immunoassay systems are covered in detail together with those systems which are commercially available. The book is aimed at researchers and routine laboratory staff in the life sciences who wish to make use of this high-performance analytical technique and also at those interested in industrial applications of the technology in the food, agricultural and environmental sciences.

Variable Speed Drive Fundamentals

Prentice Hall Newly revised and edited and written in straightforward "user language." This book provides an authoritative, yet practical guide for the engineer or technician involved in specifying, applying, maintaining or operating variable frequency drives (VFDs). It includes full coverage of both AC and DC motors and controls. Included are the latest developments in this rapidly changing technology, and overview of starting controls and their application to various types of induction motors, discussion of some of the latest electronic "smart" motor controllers and attributes and capabilities of the "wound-rotor motor, " including how to configure a basic control system for it. A basis is given to compare motor torque and operating characteristics using "starters." The book provides a detailed evaluation of the most common versions of variable frequency drives.

The Language of Medicine in English

Prentice Hall This valuable reference is designed to help students master the English vocabulary and idioms needed to succeed in an English-speaking medical environment. Each section delivers a reading and exercises focused around an up-to-date overview of a contemporary medical topic and the functions of the various professionals who provide the care. All medical personnel who want to improve their English communication skills will find this guide indispensable.

Principles of Electronic Communication Systems

McGraw-Hill Science, Engineering & Mathematics "Principles of Electronic Communication Systems" is an introductory course in communication electronics for students with a background in basic electronics. The program provides students with the current, state-of-the-art electronics techniques used in all modern forms of electronic communications, including radio, television, telephones, facsimiles, cell phones, satellites, LAN systems, digital transmission, and microwave communications. The text is readable with easy-to-understand line drawings and color photographs. The up-to-date content includes a new chapter on wireless communications systems. Various aspects of troubleshooting are discussed throughout..

Grid-Scale Energy Storage Systems and Applications

Academic Press Grid-Scale Energy Storage Systems and Applications provides a timely introduction to state-of-the-art technologies and important demonstration projects in this rapidly developing field. Written with a view to real-world applications, the authors describe storage technologies and then cover operation and control, system integration and battery management, and other topics important in the design of these storage systems. The rapidly-developing area of electrochemical energy storage technology and its implementation in the power grid is covered in particular detail. Examples of Chinese pilot projects in new energy grids and micro grids are also included. Drawing on significant Chinese results in this area, but also including data from abroad, this will be a valuable reference on the development of grid-scale energy storage for engineers and scientists in power and energy transmission and researchers in academia. Addresses not only the available energy storage technologies, but also topics significant for storage system designers, such as technology management, operation and control, system integration and economic assessment. Draws on the wealth of Chinese research into energy storage and describes important Chinese energy storage demonstration projects. Provides practical examples of the application of energy storage technologies that can be used by engineers as references when designing new systems.

The Ricci Flow

An Introduction

American Mathematical Soc. The Ricci flow is a powerful technique that integrates geometry, topology, and analysis. Intuitively, the idea is to set up a PDE that evolves a metric according to its Ricci curvature. The resulting equation has much in common with the heat equation, which tends to 'flow' a given function to ever nicer functions. By analogy, the Ricci flow evolves an initial metric into improved metrics. Richard Hamilton began the systematic use of the Ricci flow in the early 1980s and applied it in particular to study 3-manifolds. Grisha Perelman has made recent breakthroughs aimed at completing Hamilton's program. The Ricci flow method is now central to our understanding of the geometry and topology of manifolds. This book is an introduction to that program and to its connection to Thurston's geometrization conjecture. The authors also provide a 'Guide for the hurried reader', to help readers wishing to develop, as efficiently as possible, a nontechnical appreciation of the Ricci flow program for 3-manifolds, i.e., the so-called 'fast track'. The book is suitable for geometers and others who are interested in the use of geometric analysis to study the structure of manifolds. ""The Ricci Flow"" was nominated for the 2005 Robert W. Hamilton Book Award, which is the highest honor of literary achievement given to published authors at the University of Texas at Austin.

Quality Assurance in Haematology

W B Saunders Company

Radio Frequency and Microwave Electronics Illustrated

Prentice Hall Foreword by Dr. Asad Madni, C. Eng., Fellow IEEE, Fellow IEE Learn the fundamentals of RF and microwave electronics visually, using many thoroughly tested, practical examples. RF and microwave technology are essential throughout industry and to a world of new applications-in wireless communications, in Direct Broadcast TV, in Global Positioning System (GPS), in healthcare, medical and many other sciences. Whether you're seeking to strengthen your skills or enter the field for the first time, Radio Frequency and Microwave Electronics Illustrated is the fastest way to master every key measurement, electronic, and design principle you need to be effective. Dr. Matthew Radmanesh uses easy mathematics and a highly graphical approach with scores of examples to bring about a total

comprehension of the subject. Along the way, he clearly introduces everything from wave propagation to impedance matching in transmission line circuits, microwave linear amplifiers to hard-core nonlinear active circuit design in Microwave Integrated Circuits (MICs). Coverage includes: A scientific framework for learning RF and microwaves easily and effectively Fundamental RF and microwave concepts and their applications The characterization of two-port networks at RF and microwaves using S-parameters Use of the Smith Chart to simplify analysis of complex design problems Key design considerations for microwave amplifiers: stability, gain, and noise Workable considerations in the design of practical active circuits: amplifiers, oscillators, frequency converters, control circuits RF and Microwave Integrated Circuits (MICs) Novel use of "live math" in circuit analysis and design Dr. Radmanesh has drawn upon his many years of practical experience in the microwave industry and educational arena to introduce an exceptionally wide range of practical concepts and design methodology and techniques in the most comprehensible fashion. Applications include small-signal, narrow-band, low noise, broadband and multistage transistor amplifiers; large signal/high power amplifiers; microwave transistor oscillators, negative-resistance circuits, microwave mixers, rectifiers and detectors, switches, phase shifters and attenuators. The book is intended to provide a workable knowledge and intuitive understanding of RF and microwave electronic circuit design. Radio Frequency and Microwave Electronics Illustrated includes a comprehensive glossary, plus appendices covering key symbols, physical constants, mathematical identities/formulas, classical laws of electricity and magnetism, Computer-Aided-Design (CAD) examples and more. About the Web Site The accompanying web site has an "E-Book" containing actual design examples and methodology from the text, in Microsoft Excel environment, where files can easily be manipulated with fresh data for a new design.

Introduction to Sol-Gel Processing

Springer Nature This book presents a broad, general introduction to the processing of Sol-Gel technologies. This updated volume serves as a general handbook for researchers and students entering the field. This new edition provides updates in fields that have undergone rapid developments, such as Ceramics, Catalysis, Chromatography, biomaterials, glass science, and optics. It provides a simple, compact resource that can also be used in graduate-level materials science courses.

The printers' manual

Haemoglobinopathy Diagnosis

John Wiley & Sons An updated, essential guide for the laboratory diagnosis of haemoglobin disorders This revised and updated third edition of Haemoglobinopathy Diagnosis offers a comprehensive review of the practical information needed for an understanding of the laboratory diagnosis of haemoglobin disorders. Written in a concise and approachable format, the book includes an overview of clinical and laboratory features of these disorders. The author focuses on the selection, performance, and interpretation of the tests that are offered by the majority of diagnostic laboratories. The book also explains when more specialist tests are required and explores what specialist referral centres will accomplish. The information on diagnosis is set in a clinical context. The third edition is written by a leading haematologist with a reputation for educational excellence. Designed as a practical resource, the book is filled with illustrative examples and helpful questions that can aid in the retention of the material presented. Additionally, the author includes information on the most recent advances in the field. This important text: • Contains a practical, highly illustrated, approach to the laboratory diagnosis of haemoglobin disorders • Includes "test-yourself" questions and provides an indispensable tool for learning and teaching • Presents new material on antenatal screening/prenatal diagnostic services • Offers myriad self-assessment case studies that are ideal for the trainee Written for trainees and residents in haematology, practicing haematologists, and laboratory scientists, Haemoglobinopathy Diagnosis is an essential reference and learning tool that provides a clear basis for understanding the diagnosis of haemoglobin disorders.

Getting Started with PowerShell

Packt Publishing Ltd Learn the fundamentals of PowerShell to build reusable scripts and functions to automate administrative tasks with Windows About This Book Harness the capabilities of the PowerShell system to get started quickly with server automation Learn to package commands into a reusable script and add control structures and parameters to make them flexible Get to grips with cmdlets that allow you to perform administration tasks efficiently Who This Book Is For This book is intended for Windows administrators or DevOps users who need to use PowerShell to automate tasks. Whether you know nothing about PowerShell or know just enough to get by, this guide will give you what you need to go to take your scripting to the next level. What You Will Learn Learn to verify your installed version of PowerShell, upgrade it, and start a PowerShell session using the ISE Discover PowerShell commands and cmdlets and understand PowerShell formatting Use the PowerShell help system to understand what particular cmdlets do Utilise the pipeline to perform typical data manipulation Package your code in scripts, functions, and modules Solve common problems using basic file input/output functions Find system information with WMI and CIM Automate IIS functionality and manage it using the WebAdministration module In Detail Windows PowerShell is a task-based command-line shell and scripting

language designed specifically for system administration. Built on the .NET Framework, Windows PowerShell helps IT professionals and power users control and automate the administration of the Windows operating system and applications that run on Windows. PowerShell is great for batch importing or deleting large sets of user accounts and will let you collect a massive amount of detailed system information in bulk via WMI (Windows Management Instrumentation). Getting Started with PowerShell is designed to help you get up and running with PowerShell, taking you from the basics of installation, to writing scripts and web server automation. This book, as an introduction to the central topics of PowerShell, covers finding and understanding PowerShell commands and packaging code for reusability, right through to a practical example of automating IIS. It also includes topics such as installation and setup, creating scripts, automating tasks, and using Powershell to access data stores, registry, and file systems. You will explore the PowerShell environment and discover how to use cmdlets, functions, and scripts to automate Windows systems. Along the way, you will learn to perform data manipulation and solve common problems using basic file input/output functions. By the end of this book, you will be familiar with PowerShell and be able to utilize the lessons learned from the book to automate your servers. Style and approach A practical learning guide, complete with plenty of activities, examples and screenshots.

Rodak's Hematology - E-Book

Clinical Principles and Applications

Elsevier Health Sciences Make sure you are thoroughly prepared to work in a clinical lab. Rodak's Hematology: Clinical Principles and Applications, 6th Edition uses hundreds of full-color photomicrographs to help you understand the essentials of hematology. This new edition shows how to accurately identify cells, simplifies hemostasis and thrombosis concepts, and covers normal hematopoiesis through diseases of erythroid, myeloid, lymphoid, and megakaryocytic origins. Easy to follow and understand, this book also covers key topics including: working in a hematology lab; complementary testing areas such as flow cytometry, cytogenetics, and molecular diagnostics; the parts and functions of the cell; and laboratory testing of blood cells and body fluid cells. UPDATED nearly 700 full-color illustrations and photomicrographs make it easier for you to visualize hematology concepts and show what you'll encounter in the lab, with images appearing near their mentions in the text to minimize flipping pages back and forth. UPDATED content throughout text reflects latest information on hematology. Instructions for lab procedures include sources of possible errors along with comments. Hematology instruments are described, compared, and contrasted. Case studies in each chapter provide opportunities to apply hematology concepts to real-life scenarios. Hematology/hemostasis reference ranges are listed on the inside front and back covers for quick reference. A bulleted summary makes it easy for you to review the important points in every chapter. Learning objectives begin each chapter and indicate what you should achieve, with review questions appearing at the end. A glossary of key terms makes it easy to find and learn definitions. NEW! Additional content on cell structure and receptors helps you learn to identify these organisms. NEW! New chapter on Introduction to Hematology Malignancies provides and overview of diagnostic technology and techniques used in the lab.

Accepted Meat and Poultry Equipment

Climate Change and Microbes

Impacts and Vulnerability

"book provides an enlightening picture of the role of microbes for sustaining life systems and how climatic factors change the course of the processes. Climate Change and Microbes: Impacts and Vulnerability explores the little-addressed issue of the effects of climate change on microbial ecosystems and the influence of climate change on microbiome diversity across various habitats and regions. Recent years have seen the evidence that microbial communities are neither immune to disruption nor do they have the capacity to recover completely after a stressful climate event. This volume documents the important role of microorganisms as climate engineers and considers mitigation and adaptation strategies as well. It goes on to present the research that addresses a diverse array of topics on the impact of climate change on plant-microbe interactions and microbial aquatic life, change-induced aggravations in microbial populations and processes. The book also addresses microbial foodborne diseases resulting from challenging climates. Other topics include algae as indicators of climate change and strategies for facilitating sustainable agro-ecosystems. This book will be immensely helpful in the study of plant microbiology, agricultural sciences, biotechnology, climate science, and environmental microbiology. It will also be applicable to the field of microbial biotechnology, agricultural, and other life and environmental sciences"--

Sermons

A Beginner's Guide to Blood Cells

John Wiley & Sons The blood film and count -- Assessing red cells -- Assessing white cells and platelets -- Haematological findings in health and disease -- Emergency morphology -- Self-assessment

Pediatric Fundamental Critical Care Support, Second Edition

FreeCAD 0.18 Basics Tutorial

The FreeCAD 0.18 Basics Tutorial book is an essential guide for engineers and designers without any experience in computer-aided design. This book teaches you the basics you need to know to start using FreeCAD with easy to understand, step-by-step tutorials. The author begins by getting you familiar with the FreeCAD interface and its essential tools. You will learn to model parts and create assemblies. Next, you will learn some additional part modeling tools, create drawings, create sheet metal, perform finite element analysis, generate toolpaths for manufacturing.

Practical Process Control

Elsevier Practical Process Control introduces process control to engineers and technicians unfamiliar with control techniques, providing an understanding of how to actually apply control in a real industrial environment. It avoids analytical treatment of the numerous statistical process control techniques to concentrate on the practical problems involved. A practical approach is taken, making it relevant in virtually all manufacturing and process industries. There is currently no information readily available to practising engineers or students that discusses the real problems and such material is long overdue. An indispensable guide for all those involved in process control Includes equipment specification, troubleshooting, system specification and design Provided with guidelines of HOW TO and HOW NOT TO install process control

Electromagnetics Explained

A Handbook for Wireless/ RF, EMC, and High-Speed Electronics

Elsevier Based on familiar circuit theory and basic physics, this book serves as an invaluable reference for both analog and digital engineers alike. For those who work with analog RF, this book is a must-have resource. With computers and networking equipment of the 21st century running at such high frequencies, it is now crucial for digital designers to understand electromagnetic fields, radiation and transmission lines. This knowledge is necessary for maintaining signal integrity and achieving EMC compliance. Since many digital designers are lacking in analog design skills, let alone electromagnetics, an easy-to-read but informative book on electromagnetic topics should be considered a welcome addition to their professional libraries. Covers topics using conceptual explanations and over 150 lucid figures, in place of complex mathematics Demystifies antennas, waveguides, and transmission line phenomena Provides the foundation necessary to thoroughly understand signal integrity issues associated with high-speed digital design

Sensors and Transducers

Elsevier In this book Ian Sinclair provides the practical knowhow required by technician engineers, systems designers and students. The focus is firmly on understanding the technologies and their different applications, not a mathematical approach. The result is a highly readable text which provides a unique introduction to the selection and application of sensors, transducers and switches, and a grounding in the practicalities of designing with these devices. The devices covered encompass heat, light and motion, environmental sensing, sensing in industrial control, and signal-carrying and non-signal switches. Get up to speed in this key topic through this leading practical guide Understand the range of technologies and applications before specifying Gain a working knowledge with a minimum of maths

AFOQT Math Workbook 2020 & 2021

Extra Practice for an Excellent Score + 2 Full Length AFOQT Math Practice Tests

Effortless Math Education www.EffortlessMath.com The Best Prep Book to Help You Ace the AFOQT Math Test! The surest way to succeed on AFOQT Math Test is with intensive practice in every math topic tested--and that's what you will get in AFOQT Math Workbook 2020 & 2021. Each chapter of this comprehensive workbook goes into detail to cover all of the content likely to appear on the AFOQT Math test. Not only does this perfect workbook offer everything you will ever need to succeed on the AFOQT Math test, it also contains two complete and realistic AFOQT Math tests to help you measure your exam-readiness, find your weak areas, and learn from your mistakes. AFOQT Math Workbook 2020 & 2021 is designed by AFOQT test prep experts to address the needs of AFOQT test takers who must have a working knowledge of basic Math. This comprehensive workbook with over 2,500 sample questions and 2 complete AFOQT tests is all you need to fully prepare for the AFOQT Math. Separate math chapters offer a complete review of the AFOQT Math test, including: Arithmetic and Number Operations Algebra and Functions, Geometry and Measurement Data analysis, Statistics, & Probability ... and also includes two full-length practice tests! AFOQT Math Workbook 2020 & 2021 contains many exciting and unique features to help you improve your test scores, including: Content 100% aligned with the 2020 and 2021 AFOQT test Written by AFOQT Math experts Complete coverage of all AFOQT Math concepts and topics which you will be tested Over 2,500 additional AFOQT math practice questions in both multiple-choice and grid-in formats with answers grouped by topic, so you can focus on your weak areas Abundant Math skill building exercises to help test-takers approach different question types that might be unfamiliar to them Exercises on different AFOQT Math topics such as integers, percent, equations, polynomials, exponents and radicals 2 full-length practice tests (featuring new question types) with detailed answers Get ready for the AFOQT Math Test with a PERFECT Math Workbook! Published By: Effortless Math Education www.EffortlessMath.com

Bulk Material Handling

Practical Guidance for Mechanical Engineers

Partridge Publishing Singapore Tens of thousands of mechanical engineers are engaged in the design, building, upgrading, and optimization of various material handling facilities. The peculiarity of material handling is that there are numerous technical solutions to any problem. The engineer's personal selection of the optimal solution is as critical as the technical component. Michael Rivkin, Ph.D., draws on his decades of experience in design, construction, upgrading, optimization, troubleshooting, and maintenance throughout the world, to highlight topics such as: • physical principles of various material handling systems; • considerations in selecting technically efficient and environmentally friendly equipment; • best practices in upgrading and optimizing existing bulk material handling facilities; • strategies to select proper equipment in the early phases of a new project. Filled with graphs, charts, and case studies, the book also includes bulleted summaries to help mechanical engineers without a special background in material handling find optimal solutions to everyday problems.

Diagnostic Pathology of Parasitic Infections with Clinical Correlations

Oxford University Press, USA This book provides a comprehensive reference and diagnostic aid to the practicing pathologist or infectious disease specialist encountering a parasite in an examined tissue sample. Organized by phylogenetic group, the text facilitates diagnosis by discussing common characteristics and patterns of different parasites, and misleading artifacts that resemble parasites in tissue. This second edition includes molecular biology and immunologic aspects, and a more in-depth discussion of syndromes more prevalent due to increased world travel, immigration and the AIDS epidemic.

Management of Anemia

A Comprehensive Guide for Clinicians

Springer This concise and practical resource brings together recent advances in identifying and managing anemia of chronic disease (inflammation), genetically related anemia and anemia related to chronic end organ damage. Chapters provide a detailed analysis of the current science of anemia, approaches to different patient populations, comorbid conditions and nutritional aspects of anemia. Novel therapies focused on physiological pathways are introduced and discussed. Controversies from the perspective of subspecialists focused in treating major causes of anemia within their specific disciplines are also presented. Easy-to-reference and authored by experts in each clinical scenario, Management of Anemia is the launching point for learning more about this challenging and common condition.

Process Plant Machinery

Elsevier Process Plant Machinery provides the mechanical, chemical or plant engineer with the information needed to choose equipment best suited for a particular process, to determine optimum efficiency, and to conduct basic troubleshooting and maintenance procedures. Process Plant Machinery is a unique single-source reference for engineers, managers and technical personnel who need to acquire an understanding of the machinery used in modern process plants: prime movers and power transmission machines; pumping equipment; gas compression machinery; and mixing, conveying, and separation equipment. Starting with an overview of each class, the book quickly leads the reader through practical applications and size considerations into profusely illustrated component descriptions. Where necessary, standard theory is expertly explained in shortcut formulas and graphs. Maintainability and vulnerability concerns are dealt with as well. Fully updated with all new equipment available

Comprehensive Coverage Multi-industry relevance

Mastering Power BI

Build Business Intelligence Applications Powered with DAX Calculations, Insightful Visualizations, Advanced BI Techniques, and Loads of Data Sources (English Edition)

BPB Publications Expert Choice to build Business Intelligence landscapes and dashboards for Enterprises

KEY FEATURES

- In-depth knowledge of Power BI, demonstrated through step-by-step exercises.
- Covers data modelling, visualization, and implementing security with complete hands-on training.
- Includes a project that simulates a realistic business environment from start to finish.

DESCRIPTION

Mastering Power BI covers the entire Power BI implementation process. The readers will be able to understand all the concepts covered in this book, from data modelling to creating powerful - visualizations. This book begins with the concepts and terminology such as Star-Schema, dimensions and facts. It explains about multi-table dataset and demonstrates how to load these tables into Power BI. It shows how to load stored data in various formats and create relationships. Readers will also learn more about Data Analysis Expressions (DAX). This book is a must for the developers wherein they learn how to extend the usability of Power BI, to explore meaningful and hidden data insights. Throughout the book, you keep on learning about the concepts, techniques and expert practices on loading and shaping data, visualization design and security implementation.

WHAT YOU WILL LEARN

- Learn about Business Intelligence (BI) concepts and its contribution in business analytics.
- Learn to connect, load, and transform data from disparate data sources.
- Start creating and executing powerful DAX calculations.
- Design various visualizations to prepare insightful reports and dashboards.

WHO THIS BOOK IS FOR This book is for anyone interested in learning how to use Power BI desktop or starting a career in Business Intelligence and Analytics. While this covers all the fundamentals, it is recommended that the reader be familiar with MS-Excel and database concepts.

TABLE OF CONTENTS

1. Understanding the Basics
2. Connect and Shape
3. Optimize your datamodel
4. Data Analysis Expressions (DAX)
5. Visualizations in Power BI
6. Power BI Service
7. Securing your application

Midkine: From Embryogenesis to Pathogenesis and Therapy

Springer Science & Business Media Carl Edward Sagan's (1934-1996) one of the famous quotation was "Who are we? We find that we live on an insignificant planet of a humdrum star lost in a galaxy tucked away in some forgotten corner of a universe in which there are far more galaxies than people." From past to date, well-known molecules, enzymes, proteins, lipids and carbohydrates are studied in the pathogenesis of several diseases both as a diagnostic/prognostic biomarker and therapeutic agent. The underlying mechanism of unexplained diseases and failure of therapies are frequently studied with well-known biomarkers, but remain unclear in many cases. As Dr. Sagan said other keys are still waiting to be known in some forgotten corner of a body universe, we find strength to propose that one

of them can be the growth factor with cytokine activity named "Midkine" This book summarizes the extensive up-to-date literature overview with the latest work of experts about midkine in a detailed format that conveys its role as both a pathologic factor and therapeutic agent.

Melanin, the Master Molecule

Bentham Science Publishers Melanin is a biological molecule associated with pigmentation in humans and animals. However, melanin has been observed to have other functions such as neuroprotection and energy production. In Melanin, the Master Molecule, researchers summarize several decades worth of knowledge on melanin and its physicochemical properties. Nine chapters explain the intrinsic biochemistry of melanin, comparisons with conventional energy producing and respiratory biomolecules, the property of melanin to transform light energy into chemical energy through the dissociation of the water molecule, and the theories of melanin based energy production in the nervous system, the cell nucleus, muscles and the eye, and the role the role of melanin in the context of ageing. The authors also delve into the possibility of melanin being the key molecule needed to spark life since its water dissociating property through the absorption of light energy emulates the role of chlorophyll, but unlike the latter, it is not limited to the plant cell environment. Hence, melanin is referred to as the master molecule which can provide a missing link to the biochemical processes behind the origin of life. Melanin, the Master Molecule is an exciting reference for biochemists and laymen interested in the science of melanin and a new perspective on the origin of life as we know it.

Beyond Normality

The Predictive Value and Efficiency of Medical Diagnoses

John Wiley & Sons

Power Supply Projects

A Collection of Innovative and Practical Design Projects

Newnes Using circuit diagrams, PCB layouts, parts lists and clear construction and installation details, this book provides everything someone with a basic knowledge of electronics needs to know in order to put that knowledge into practice. This latest collection of Maplin projects are a variety of power supply projects, the necessary components for which are readily available from the Maplin catalogue or any of their high street shops. Projects include, laboratory power supply projects for which there are a wide range of applications for the hobbyist, from servicing portable audio and video equipment to charging batteries; and miscellaneous projects such as a split charge unit for use in cars or similar vehicles when an auxiliary battery is used to power 12v accessories in a caravan or trailer. Both useful and innovative, these projects are above all practical and affordable.

Electric Wiring for Domestic Installers

Routledge First published in 2012. Routledge is an imprint of Taylor & Francis, an informa company.

Collection, Transport, and Processing of Blood Specimens for Testing Plasma-based Coagulation Assays and Molecular Hemostasis Assays

Approved Guideline

Numerical Methods and Advanced Simulation in Biomechanics and Biological Processes

Academic Press Numerical Methods and Advanced Simulation in Biomechanics and Biological Processes covers new and exciting modeling methods to help bioengineers tackle problems for which the Finite Element Method is not appropriate. The book covers a wide range of important subjects in the field of numerical methods applied to biomechanics, including bone biomechanics, tissue and cell mechanics, 3D printing, computer assisted surgery and fluid dynamics. Modeling strategies, technology and approaches are continuously evolving as the knowledge of biological processes increases. Both theory and applications are covered, making this an ideal book for researchers, students and R&D professionals. Provides non-conventional analysis methods for modeling Covers the Discrete Element Method (DEM), Particle Methods (PM), MessLess and MeshFree Methods (MLMF), Agent-Based Methods (ABM), Lattice-Boltzmann Methods (LBM) and Boundary Integral Methods (BIM) Includes contributions from several world renowned experts in their fields Compares pros and cons of each method to help you decide which method is most applicable to solving specific problems

New Urban Giants

The Ultimate Skyscrapers

A photographic survey of the world's most innovative contemporary skyscrapers. Jam-packed with hundreds of specially commissioned photographs accompanied by a lively, authoritative text by internationally renowned architectural experts, this essential resource on the world's most important new structures traces the evolution of these lofty behemoths. Whisking readers around the world, New Urban Giants tells the story of the design and building of 31 remarkable structures, from corporate headquarters to residential towers to state-of-the-art luxury hotels. The text places each in its historical context, revealing the technological advances that made each building possible, and the social and economic climate that made each necessary. Hundreds of close-up photographs, panoramic shots, and architects' plans demonstrate the innovations that make each of these structures a pivotal element of their city's skyline and in the ever-evolving history of the skyscraper. Readers tour the HSB Turning Tower in Malmö, Sweden, the design of which is based on a sculpture by Santiago Calatrava. Photographs reveal the unique incremental angles that occur from the ground floor to the top floor, resulting in the top floor twisting 90 degrees from the ground floor. Other ground-breaking structures highlighted include the sleek New York Times Tower in Manhattan, Highcliff--a 75-story residential tower in Hong Kong, and Aurora Place in Sydney, Australia with its unusual geometric shape wherein no panel is parallel to any grid. Taking readers from Dubai to Tokyo to Vienna, this is an architectural tour not to be missed by professional architects and design enthusiasts alike.

The Synagogue of Satan

Lulu Press, Inc Originally published in the German language in 1898 this book describes the origins and development of modern Satanism and its roots in gnostic Christianity and the reaction against the Catholic Church and its persecutions. Translated by Joe E. Bandel. This is one of the few well researched books on this subject and draws from many early historical resources. It is one of the best books on this subject.