

Basic Well Log Analysis Second Edition

[Basic Well Log Analysis for Geologists Algorithms: Design Techniques And Analysis \(Second Edition\) Handbook of Applied Behavior Analysis, Second Edition Modern Methods of Pharmaceutical Analysis, Second Edition Problems and Solutions in Real Analysis The Chicago Guide to Writing about Multivariate Analysis, Second Edition Handbook of Near-Infrared Analysis, Second Edition Basic Well Log Analysis Bayesian Data Analysis, Second Edition The Analysis of Contingency Tables, Second Edition Statistical and Econometric Methods for Transportation Data Analysis, Second Edition Transations of the Log Analysis Software Evaluation and Review \(LASER\) Symposium Econometric Analysis of Cross Section and Panel Data, second edition Instant Recovery with Write-Ahead Logging Handbook of Research on Web Log Analysis Openhole Log Analysis and Formation Evaluation Log Data Acquisition and Quality Control Frontier and Innovation in Future Computing and Communications A Critical Laboratory and Field Evaluation of Selected Surface Prospecting Techniques for Locating Oil and Natural Gas Official Gazette of the United States Patent and Trademark Office Smart Log Data Analytics Basic Radar Analysis, Second Edition Pro Linux System Administration Well Logging for Earth Scientists Monthly Labor Review Advanced Materials Science and Technology, ICMST 2010 Industrial Air Pollution Monitoring CORE BANKING SOLUTION The Log Analyst Food Analysis by HPLC, Second Edition Computer Analysis of Digital Well Logs Enterprise Management Strategies in the Era of Cloud Computing Schizophrenia Bulletin Meta-Analysis Proceedings, Petroleum Technology Into the Second Century Advances in Condition Monitoring and Structural Health Monitoring Computer and Information Security Handbook Neural Information Processing Federal Communications Commission Reports Energy Research Abstracts](#)

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It is your agreed own get older to fake reviewing habit. in the middle of guides you could enjoy now is **Basic Well Log Analysis Second Edition** below.

Algorithms: Design Techniques And Analysis (Second Edition) Sep 24 2022 Problem solving is an essential part of every scientific discipline. It has two components: (1) problem identification and formulation, and (2) the solution to the formulated problem. One can solve a problem on its own using ad hoc techniques or by following techniques that have produced efficient solutions to similar problems. This required the understanding of various algorithm design techniques, how and when to use them to formulate solutions, and the context appropriate for each of them.This book presents a design thinking approach to problem solving in computing — by first using algorithmic analysis to study the specifications of the problem, before mapping the problem on to data structures, then on to the situatable algorithms. Each technique or strategy is covered in its own chapter supported by numerous examples of problems and their algorithms. The new edition includes a comprehensive chapter on parallel algorithms, and many enhancements.

The Chicago Guide to Writing about Multivariate Analysis, Second Edition May 20 2022 Many different people, from social scientists to government agencies to business professionals, depend on the results of multivariate models to inform their decisions. Researchers use these advanced statistical techniques to analyze relationships among multiple variables, such as how exercise and weight relate to the risk of heart disease, or how unemployment and interest rates affect economic growth. Yet, despite the widespread need to plainly and effectively explain the results of multivariate analyses to varied audiences, few are properly taught this critical skill. The Chicago Guide to Writing about Multivariate Analysis is the book researchers turn to when looking for guidance on how to clearly present statistical results and break through the jargon that often clouds writing about applications of statistical analysis. This new edition features even more topics and real-world examples, making it the must-have resource for anyone who needs to communicate complex research results. For this second edition, Jane E. Miller includes four new chapters that cover writing about interactions, writing about event history analysis, writing about multilevel models, and the “Goldilocks principle” for choosing the right size contrast for interpreting results for different variables. In addition, she has updated or added numerous examples, while retaining her clear voice and focus on writers thinking critically about their intended audience and objective. Online podcasts, templates, and an updated study guide will help readers apply skills from the book to their own projects and courses. This continues to be the only book that brings together all of the steps involved in communicating findings based on multivariate analysis—finding data, creating variables, estimating statistical models, calculating overall effects, organizing ideas, designing tables and charts, and writing prose—in a single volume. When aligned with Miller’s twelve fundamental principles for quantitative writing, this approach will empower readers—whether students or experienced researchers—to communicate their findings clearly and effectively.

[Openhole Log Analysis and Formation Evaluation](#) Jul 10 2021

[Neural Information Processing](#) Aug 19 2019 The five volume set LNCS 7663, LNCS 7664, LNCS 7665, LNCS 7666 and LNCS 7667 constitutes the proceedings of the 19th International Conference on Neural Information Processing, ICONIP 2012, held in Doha, Qatar, in November 2012. The 423 regular session papers presented were carefully reviewed and selected from numerous submissions. These papers cover all major topics of theoretical research, empirical study and applications of neural information processing research. The 5 volumes represent 5 topical sections containing articles on theoretical analysis, neural modeling, algorithms, applications, as well as simulation and synthesis.

Modern Methods of Pharmaceutical Analysis, Second Edition Jul 22 2022 This book reviews several of the newer methods that find wide application in pharmaceutical analysis, as well as several older methods of unique importance. The principle of each technique is discussed with emphasis on factors that directly affect its proper application to analytical problems .

[Food Analysis by HPLC, Second Edition](#) Apr 26 2020 Food Analysis by HPLC, Second Edition presents an exhaustive compilation of analytical methods that belong in the toolbox of every practicing food chemist. Topics covered include biosensors, BMO’s, nanoscale analysis systems, food authenticity, radionuclides concentration, meat factors and meat quality, particle size analysis, and scanning colorimetry. It also analyzes peptides, carbohydrates, vitamins, and food additives and contains chapters on alcohols, phenolic compounds, pigments, and residues of growth promoters. Attuned to contemporary food industry concerns, this bestselling classic also features topical coverage of the quantification of genetically modified organisms in food.

Handbook of Near-Infrared Analysis, Second Edition Apr 19 2022 With contributions from over 40 experts in the field, this reference presents comprehensive, single-source coverage of the instrumentation, computerization, calibration, and methods development of NIR spectroscopy. It provides novel applications for accurate time- and cost-effective analyses of pharmaceuticals, polymers, textiles, agricultural products, dairy products, foods, and beverages. Emphasizing trends in sample preparation, the book covers historical development, calibration transfer, biomedical applications, plastics, and counterfeiting; on-line, in-line, and at-line analyses for process control, multilinear regression and principal component analysis, and more.

A Critical Laboratory and Field Evaluation of Selected Surface Prospecting Techniques for Locating Oil and Natural Gas Apr 07 2021

Advances in Condition Monitoring and Structural Health Monitoring Oct 21 2019 This book comprises the selected contributions from the 2nd World Congress on Condition Monitoring (WCCM 2019), held in Singapore in December 2019. The contents focus on digitalisation for condition monitoring with the emergence of the fourth industrial revolution (Industry 4.0) and the Industrial Internet-of-Things (IIoT). The book covers latest research findings in the areas of condition monitoring, structural health monitoring, and non-destructive testing which are relevant for many sectors including aerospace, automotive, civil, oil and gas, marine, and manufacturing industries. Different monitoring systems and non-destructive testing methods are discussed to avoid failures, increase lifespans, and reduce maintenance costs of equipment and machinery. The broad scope of the contents will make this book interesting for academics and professionals working in the areas of non-destructive evaluation and condition monitoring.

Frontier and Innovation in Future Computing and Communications May 08 2021 IT technology engineering changes everyday life, especially in Computing and Communications. The goal of this book is to further explore the theoretical and practical issues of Future Computing and Communications. It also aims to foster new ideas and collaboration between researchers and practitioners.

Energy Research Abstracts Jun 16 2019

Basic Radar Analysis, Second Edition Jan 04 2021 This highly-anticipated second edition of an Artech House classic covers several key radar analysis areas: the radar range equation, detection theory, ambiguity functions, waveforms, antennas, active arrays, receivers and signal processors, CFAR and chaff analysis. Readers will be able to predict the detection performance of a radar system using the radar range equation, its various parameters, matched filter theory, and Swerling target models. The performance of various signal processors, single pulse, pulsed Doppler, LFM, NLFM, and BPSK, are discussed, taking into account factors including MTI processing, integration gain, weighting loss and straddling loss. The details of radar analysis are covered from a mathematical perspective, with in-depth breakdowns of radar performance in the presence of clutter. Readers will be able to determine the nose temperature of a multi-channel receiver as it is used in active arrays. With the addition of three new chapters on moving target detectors, inverse synthetic aperture radar (ISAR) and constant false alarm rate (CFAR) and new MATLAB codes, this expanded second edition will appeal to the novice as well as the experienced practitioner.

Computer Analysis of Digital Well Logs Mar 26 2020

[Transations of the Log Analysis Software Evaluation and Review \(LASER\) Symposium](#) Nov 14 2021

Meta-Analysis Dec 23 2019 Presents a novel approach to conducting meta-analysis using structural equation modeling. Structural equation modeling (SEM) and meta-analysis are two powerful statistical methods in the educational, social, behavioral, and medical sciences. They are often treated as two unrelated topics in the literature. This book presents a unified framework on analyzing meta-analytic data within the SEM framework, and illustrates how to conduct meta-analysis using the metaSEM package in the R statistical environment. Meta-Analysis: A Structural Equation Modeling Approach begins by introducing the importance of SEM and meta-analysis in answering research questions. Key ideas in meta-analysis and SEM are briefly reviewed, and various meta-analytic models are then introduced and linked to the SEM framework. Fixed-, random-, and mixed-effects models in univariate and multivariate meta-analyses, three-level meta-analysis, and meta-analytic structural equation modeling, are introduced. Advanced topics, such as using restricted maximum likelihood estimation method and handling missing covariates, are also covered. Readers will learn a single framework to apply both meta-analysis and SEM. Examples in R and in Mplus are included. This book will be a valuable resource for statistical and academic researchers and graduate students carrying out meta-analyses, and will also be useful to researchers and statisticians using SEM in biostatistics. Basic knowledge of either SEM or meta-analysis will be helpful in understanding the materials in this book.

[Industrial Air Pollution Monitoring](#) Jul 30 2020 Developed from a short course taught at Leeds University, this book covers methods of monitoring emissions of air pollutants from stationary sources. It surveys the techniques and points out their advantages and disadvantages.

CORE BANKING SOLUTION Jun 28 2020 This compact and concise study provides a clear insight into the concepts of Core Banking Solution (CBS)—a set of software components that offer today’s banking market a robust operational customer database and customer administration. It attempts to make core banking solution familiar to the professionals and regulatory authorities, who are responsible for the control and security of banks, and shows that by using CBS, banking services can be made more customer friendly. This well-organized text, divided into two parts and five sections, begins (Part I) with the need for core banking solution technology in banking system, its implementation and practice. It then goes on to a detailed discussion on various technology implications of ATM, Internet banking, cash management system and so on. Part I concludes with Business Continuity Planning (BCP) and Disaster Recovery Planning (DCP). Part II focuses on components of audit approach of a bank where the core banking solution has been in operation. Besides, usage of audit tools and study of audit logs have been discussed. The Second Edition includes new sections on outsourcing of ATM operations, printing of ATM card, printing of Pin Mailers, mobile banking, Point of Sale (POS), financial inclusion, vulnerability assessment, penetration testing and so on. Besides, many topics have been discussed extensively and updated to make the book more comprehensive and complete. Key Features • Suggested checklists for performing audits are included. • An exclusive chapter is devoted to Case Studies based on fraudulent activities in banks due to lack of security and controls. • Useful Web references have been provided. • Contains relevant standards of international body ISACA, USA. This book would be useful for Chartered Accountants who are Auditors of various banks. It would help the External System Auditors and the Auditors who perform concurrent system audit of banks and also the Officers of the Department of Banking Supervision of the Reserve Bank of India and others who have the responsibilities of regulating the security and controls in the banks. In addition, it would be extremely useful to the bankers who have Information Technology as one of the subjects for the CAIIB examination.

Advanced Materials Science and Technology, ICMST 2010 Aug 31 2020 Volume is indexed by Thomson Reuters CPCI-S (WoS). The objective of this volume is to provide up-to-date information for researchers, educators, engineers, and government officials who are involved in the general area of Materials Science & Technology, mechatronics, robotics, automation, power and sensors. It will serve well in disseminating the latest research results and alternative views concerning the future research directions in these fields.

Statistical and Econometric Methods for Transportation Data Analysis, Second Edition Dec 15 2021 The complexity, diversity, and random nature of transportation problems necessitates a broad analytical toolbox. Describing tools commonly used in the field, Statistical and Econometric Methods for Transportation Data Analysis, Second Edition provides an understanding of a broad range of analytical tools required to solve transportation problems. It includes a wide breadth of examples and case studies covering applications in various aspects of transportation planning, engineering, safety, and economics. After a solid refresher on statistical fundamentals, the book focuses on continuous dependent variable models and count and discrete dependent variable models. Along with an entirely new section on other statistical methods, this edition offers a wealth of new material. New to the Second Edition A subsection on Tobit and censored regressions An explicit treatment of frequency domain time series analysis, including Fourier and wavelets analysis methods New chapter that presents logistic regression commonly used to model binary outcomes New chapter on ordered probability models New chapters on random-parameter models and Bayesian statistical modeling New examples and data sets Each chapter clearly presents fundamental concepts and principles and includes numerous references for those seeking additional technical details and applications. To reinforce a practical understanding of the modeling techniques, the data sets used in the text are offered on the book’s CRC Press web page. PowerPoint and Word presentations for each chapter are also

available for download.

Computer and Information Security Handbook Sep 19 2019 The second edition of this comprehensive handbook of computer and information security provides the most complete view of computer security and privacy available. It offers in-depth coverage of security theory, technology, and practice as they relate to established technologies as well as recent advances. It explores practical solutions to many security issues. Individual chapters are authored by leading experts in the field and address the immediate and long-term challenges in the authors' respective areas of expertise. The book is organized into 10 parts comprised of 70 contributed chapters by leading experts in the areas of networking and systems security, information management, cyber warfare and security, encryption technology, privacy, data storage, physical security, and a host of advanced security topics. New to this edition are chapters on intrusion detection, securing the cloud, securing web apps, ethical hacking, cyber forensics, physical security, disaster recovery, cyber attack deterrence, and more. Chapters by leaders in the field on theory and practice of computer and information security technology, allowing the reader to develop a new level of technical expertise Comprehensive and up-to-date coverage of security issues allows the reader to remain current and fully informed from multiple viewpoints Presents methods of analysis and problem-solving techniques, enhancing the reader's grasp of the material and ability to implement practical solutions

Enterprise Management Strategies in the Era of Cloud Computing Feb 23 2020 Recent advances in internet architecture have led to the advent and subsequent explosion of cloud computing technologies, providing businesses with a powerful toolbox of collaborative digital resources. These technologies have fostered a more flexible, decentralized approach to IT infrastructure, enabling businesses to operate in a more agile fashion and on a globalized scale. Enterprise Management Strategies in the Era of Cloud Computing seeks to explore the possibilities of business in the cloud. Targeting an audience of research scholars, students, software developers, and business professionals, this premier reference source provides a cutting-edge look at the exciting and multifaceted relationships between cloud computing, software virtualization, collaborative technology, and business infrastructure in the 21st Century.

Econometric Analysis of Cross Section and Panel Data, second edition Oct 13 2021 The second edition of a comprehensive state-of-the-art graduate level text on microeconomic methods, substantially revised and updated. The second edition of this acclaimed graduate text provides a unified treatment of two methods used in contemporary econometric research, cross section and data panel methods. By focusing on assumptions that can be given behavioral content, the book maintains an appropriate level of rigor while emphasizing intuitive thinking. The analysis covers both linear and nonlinear models, including models with dynamics and/or individual heterogeneity. In addition to general estimation frameworks (particular methods of moments and maximum likelihood), specific linear and nonlinear methods are covered in detail, including probit and logit models and their multivariate, Tobit models, models for count data, censored and missing data schemes, causal (or treatment) effects, and duration analysis. Econometric Analysis of Cross Section and Panel Data was the first graduate econometrics text to focus on microeconomic data structures, allowing assumptions to be separated into population and sampling assumptions. This second edition has been substantially updated and revised. Improvements include a broader class of models for missing data problems; more detailed treatment of cluster problems, an important topic for empirical researchers; expanded discussion of "generalized instrumental variables" (GIV) estimation; new coverage (based on the author's own recent research) of inverse probability weighting; a more complete framework for estimating treatment effects with panel data, and a firmly established link between econometric approaches to nonlinear panel data and the "generalized estimating equation" literature popular in statistics and other fields. New attention is given to explaining when particular econometric methods can be applied; the goal is not only to tell readers what does work, but why certain "obvious" procedures do not. The numerous included exercises, both theoretical and computer-based, allow the reader to extend methods covered in the text and discover new insights.

Basic Well Log Analysis for Geologists Oct 25 2022

Proceedings, Petroleum Technology Into the Second Century Nov 21 2019

Well Logging for Earth Scientists Nov 02 2020 The first edition of this book demystified the process of well log analysis for students, researchers and practitioners. In the two decades since, the industry has changed enormously: technical staffs are smaller, and hydrocarbons are harder to locate, quantify, and produce. New drilling techniques have engendered new measurement devices incorporated into the drilling string. Corporate restructuring and the "graying" of the workforce have caused a scarcity in technical competence involved in the search and exploitation of petroleum. The updated 2nd Edition reviews logging measurement technology developed in the last twenty years, and expands the petrophysical applications of the measurements.

Monthly Labor Review Oct 01 2020 Publishes in-depth articles on labor subjects, current labor statistics, information about current labor contracts, and book reviews.

Handbook of Applied Behavior Analysis, Second Edition Aug 23 2022 "Widely regarded as the authoritative work on the principles and practice of applied behavior analysis (ABA), this indispensable volume is now in a revised and expanded second edition. Leading experts present evidence-based procedures for supporting positive behaviors and reducing problem behaviors with children and adults in diverse contexts. Chapters delve into applications in education, autism treatment, addictions, behavioral pediatrics, and other areas. Covering everything from behavioral assessment and measurement to the design and implementation of individualized interventions, the Handbook is a complete reference and training tool for ABA practitioners and students. Key Words/Subject Areas: ABA therapy, behavior analysts, developmental disabilities, autism spectrum disorders, autism treatments, behavior management, functional behavioral assessments, texts, textbooks, research handbooks, positive reinforcement, behavioral pediatrics, behavioural, behaviorism, children, adults, principles and procedures, graduate courses, classes, BCBA certification, training, reducing problem behaviors, treating autistic kids, behavioral treatments, early interventions, positive behavior supports, comprehensive guide, special education Audience: Behavior analysts and trainees working with children and adults, including special educators, school and clinical psychologists, autism specialists, and behavioral medicine professionals"--

The Log Analyst May 28 2020

Problems and Solutions in Real Analysis Jun 21 2022 This second edition introduces an additional set of new mathematical problems with their detailed solutions in real analysis. It also provides numerous improved solutions to the existing problems from the previous edition, and includes very useful tips and skills for the readers to master successfully. There are three more chapters that expand further on the topics of Bernoulli numbers, differential equations and metric spaces. Each chapter has a summary of basic points, in which some fundamental definitions and results are prepared. This also contains many brief historical comments for some significant mathematical results in real analysis together with many references. Problems and Solutions in Real Analysis can be treated as a collection of advanced exercises by undergraduate students during or after their courses of calculus and linear algebra. It is also instructive for graduate students who are interested in analytic number theory.

Readers will also be able to completely grasp a simple and elementary proof of the Prime Number Theorem through several exercises. This volume is also suitable for non-experts who wish to understand mathematical analysis. Request Inspection Copy Contents:Sequences and LimitsInfinite SeriesContinuous

FunctionsDifferentiationIntegrationImproper IntegralsSeries of FunctionsApproximation by PolynomialsConvex FunctionsVarious Proof $\zeta(2) = \frac{\pi^2}{6}$ Functions of Several VariablesUniform DistributionRademacher FunctionsLegendre PolynomialsChebyshev PolynomialsGamma FunctionPrime Number TheoremBernoulli NumbersMetric SpacesDifferential Equations Readership: Undergraduates and graduate students in mathematical analysis.

Instant Recovery with Write-Ahead Logging Sep 12 2021 Traditional theory and practice of write-ahead logging and of database recovery focus on three failure classes: transaction failures (typically due to deadlocks) resolved by transaction rollback; system failures (typically power or software faults) resolved by restart with log analysis, "redo," and "undo" phases; and media failures (typically hardware faults) resolved by restore operations that combine multiple types of backups and log replay. The recent addition of single-page failures and single-page recovery has opened new opportunities far beyond the original aim of immediate, lossless repair of single-page wear-out in novel or traditional storage hardware. In the contexts of system and media failures, efficient single-page recovery enables on-demand incremental "redo" and "undo" as part of system restart or media restore operations. This can give the illusion of practically instantaneous restart and restore: instant restart permits processing new queries and updates seconds after system reboot and instant restore permits resuming queries and updates on empty replacement media as if those were already fully recovered. In the context of node and network failures, instant restart and instant restore combine to enable practically instant failover from a failing database node to one holding merely an out-of-date backup and a log archive, yet without loss of data, updates, or transactional integrity. In addition to these instant recovery techniques, the discussion introduces self-repairing indexes and much faster offline restore operations, which impose no slowdown in backup operations and hardly any slowdown in log archiving operations. The new restore techniques also render differential and incremental backups obsolete, complete backup commands on a database server practically instantly, and even permit taking full up-to-date backups without imposing any load on the database server. Compared to the first version of this book, this second edition adds sections on applications of single-page repair, instant restart, single-pass restore, and instant restore. Moreover, it adds sections on instant failover among nodes in a cluster, applications of instant failover, recovery for file systems and data files, and the performance of instant restart and instant restore.

Official Gazette of the United States Patent and Trademark Office Mar 06 2021

Smart Log Data Analytics Feb 05 2021 This book provides insights into smart ways of computer log data analysis, with the goal of spotting adversarial actions. It is organized into 3 major parts with a total of 8 chapters that include a detailed view on existing solutions, as well as novel techniques that go far beyond state of the art. The first part of this book motivates the entire topic and highlights major challenges, trends and design criteria for log data analysis approaches, and further surveys and compares the state of the art. The second part of this book introduces concepts that apply character-based, rather than token-based, approaches and thus work on a more fine-grained level. Furthermore, these solutions were designed for "online use", not only forensic analysis, but also process new log lines as they arrive in an efficient single pass manner. An advanced method for time series analysis aims at detecting changes in the overall behavior profile of an observed system and spotting trends and periodicities through log analysis. The third part of this book introduces the design of the AMiner, which is an advanced open source component for log data anomaly mining. The AMiner comes with several detectors to spot new events, new parameters, new correlations, new values and unknown value combinations and can run as stand-alone solution or as sensor with connection to a SIEM solution. More advanced detectors help to determines the characteristics of variable parts of log lines, specifically the properties of numerical and categorical fields. Detailed examples throughout this book allow the reader to better understand and apply the introduced techniques with open source software. Step-by-step instructions help to get familiar with the concepts and to better comprehend their inner mechanisms. A log test data set is available as free download and enables the reader to get the system up and running in no time. This book is designed for researchers working in the field of cyber security, and specifically system monitoring, anomaly detection and intrusion detection. The content of this book will be particularly useful for advanced-level students studying computer science, computer technology, and information systems. Forward-thinking practitioners, who would benefit from becoming familiar with the advanced anomaly detection methods, will also be interested in this book.

Basic Well Log Analysis Mar 18 2022 This publication is a general introduction to common openhole logging measurements, both wire line and MWD/LWD, and the interpretation of those measurements to determine the traditional analytical goals of porosity, fluid saturation, and lithology/mineralogy. It is arranged by the interpretation goals of the data, rather than by the underlying physics of the measurements. The appendix files contain digital versions of the data from the case studies, a summary guide to the measurements and their interpretation, and a simple spreadsheet containing some of the more common interpretation algorithms.

Schizophrenia Bulletin Jan 24 2020

Federal Communications Commission Reports Jul 18 2019

Bayesian Data Analysis, Second Edition Feb 17 2022 Incorporating new and updated information, this second edition of THE bestselling text in Bayesian data analysis continues to emphasize practice over theory, describing how to conceptualize, perform, and critique statistical analyses from a Bayesian perspective. Its world-class authors provide guidance on all aspects of Bayesian data analysis and include examples of real statistical analyses, based on their own research, that demonstrate how to solve complicated problems. Changes in the new edition include: Stronger focus on MCMC Revision of the computational advice in Part III New chapters on nonlinear models and decision analysis Several additional applied examples from the authors' recent research Additional chapters on current models for Bayesian data analysis such as nonlinear models, generalized linear mixed models, and more Reorganization of chapters 6 and 7 on model checking and data collection Bayesian computation is currently at a stage where there are many reasonable ways to compute any given posterior distribution. However, the best approach is not always clear ahead of time. Reflecting this, the new edition offers a more pluralistic presentation, giving advice on performing computations from many perspectives while making clear the importance of being aware that there are different ways to implement any given iterative simulation computation. The new approach, additional examples, and updated information make Bayesian Data Analysis an excellent introductory text and a reference that working scientists will use throughout their professional life.

Pro Linux System Administration Dec 03 2020 Implement a SOHO or SMB Linux infrastructure to expand your business and associated IT capabilities. Backed by the expertise and experienced guidance of the authors, this book provides everything you need to move your business forward. Pro Linux System Administration makes it easy for small- to medium-sized businesses to enter the world of zero-cost software running on Linux and covers all the distros you might want to use, including Red Hat, Ubuntu, Debian, and CentOS. Pro Linux System Administration takes a layered, component-based approach to open source business systems, while training system administrators as the builders of business infrastructure. Completely updated for this second edition, Dennis Matotek takes you through an infrastructure-as-code approach, seamlessly taking you through steps along the journey of Linux administration with all you need to master complex systems. This edition now includes Jenkins, Ansible, Logstash and more. What You'll Learn: Understand Linux architecture Build, back up, and recover Linux servers Create basic networks and network services with Linux Build and implement Linux infrastructure and services including mail, web, databases, and file and print Implement Linux security Resolve Linux performance and capacity planning issues Who This Book Is For: Small to medium-sized business owners looking to run their own IT, system administrators considering migrating to Linux, and IT systems integrators looking for an extensible Linux infrastructure management approach.

Handbook of Research on Web Log Analysis Aug 11 2021 "This book reflects on the multifaceted themes of Web use and presents various approaches to log analysis"--Provided by publisher.

The Analysis of Contingency Tables, Second Edition Jan 16 2022 Much of the data collected in medicine and the social sciences is categorical, for example, sex, marital status, blood group, whether a smoker or not and so on, rather than interval-scaled. Frequently the researcher collecting such data is interested in the relationships or associations between pairs, or between a set of such categorical variables; often the data is displayed in the form of a contingency table for example, smoker versus non-smoker against death from lung cancer or death from some other cause. This text gives a comprehensive account of the analysis of such tables, written at a level suitable for the applied researcher. The first edition of "The Analysis of Contingency Tables" arose from Professor A.E. Maxwell's earlier text, "Analysing Qualitative Data". In this new edition, more material is included that those methods which have developed over the last decade or so, for example, logistic regression models for tables with ordered categories and for response variables with more than two categories. A brief account is given of the increasingly important technique, correspondence analysis. The methods of analysis described in this book should be relevant to research workers and graduate students dealing with data from surveys, particularly in the area of psychiatry, social sciences and psychology.

Log Data Acquisition and Quality Control Jun 09 2021 While the first well logs recorded seventy years ago had no provision for data quality control, the development of increasingly sophisticated logging techniques has led to the introduction of a large number of tests to validate acquired data. Log quality can be assured by stringent control of depth, calibrations, signal processing and operating procedures. This work gives a thorough description of these features. The meaningful interpretation of well logs depends on valid input. An understanding of log acquisition, and the performance of rigorous quality checks are the prerequisites for an accurate evaluation of a formation. These elements also enable log users to make decisions based on calculated risks. The book is primarily written for earth science specialists who use log data. It also addresses the needs of logging engineers who seek a better understanding of the log acquisition process. Exercises and their solutions are scattered in the book to complement practical chapters. Contents : I. Premises. 1. Introduction. 2. Evaluation of hydrocarbon volume. 3. Data collection and decision-making. 4. Elements of metrology I: error analysis. 5. Elements of metrology II: volume considerations. 6. Elements of metrology III: other attributes. 7. Mathematical preliminary: propagation of errors. II. Data acquisition. 8. Data acquisition. 9. Sensor and source technology. 10. Effect of measurement duration on precision. 11. Signal processing: filtering. 12. Enhancement of vertical resolution through processing. 13. Tool response. 14. Environmental corrections. 15. The real environment. 16. Density logging. 17. Calibration. 18. Monitoring of tool behavior. 19. Measurement of depth. 20. Directional surveys. III. Data quality control. 21. Data quality plan. 22. Completeness of information. 23. Data management. 24. Log quality checks. 25. Data quality evaluation. 26. Images and nuclear magnetic resonance. 27. Comparison of logged data with other information. 28. Optimum logging and uncertainty management. Bibliography. Index.

