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Geochemical Techniques for Identifying Sources of Ground-Water Salinization Advances of Imaging Techniques in Identifying Malignancy in Thyroid Nodules Trend Qualification and Trading The Owner's Role in Project Risk Management Identifying Relevant Information for Testing Technique Selection Sharing Clinical Trial Data Antique Lace Viral Hepatitis Parameter Estimation Techniques and Applications in Aircraft Flight Testing DNA Techniques to Verify Food Authenticity A Technique for Identifying Treatment Opportunities from Western Oregon and Washington Forest Survey Plots Application of Hydro-Geochemical and Geo-Electrical Techniques to Identify the Impact of Tsunami in the Coastal Groundwater New Trends in Software Methodologies, Tools and Techniques A Technique for Identifying Pilot Describing Functions from Routine Flight-test Records Techniques of Organizational Change Drawing in Silver and Gold Guide to Research Techniques in Neuroscience Troubleshooting Your Novel Key Business Solutions Bulletin - International North Pacific Fisheries Commission The Use of Risk Analysis Techniques to Determine the Probability of Producing Non-Compliant Drinking Water [electronic Resource] : Focusing on Dual Media Rapid Gravity Filtration Extractive Metallurgy of Copper, Nickel, and Cobalt: Fundamental aspects The Addiction Progress Notes Planner The Evaluation of Business Incubation Projects Designs, Methods and Practices for Research of Project Management Taguchi Techniques for Quality Engineering Identification of Ancient Olive Oil Processing Methods Based on Olive Remains Asian Test Symposium Data Mining Methods and Applications Houdini On the Spot TECHNIQUES OF PERSUASION Customer Volume Survey Techniques for DMV Field Offices Advances in the Identification & Analysis of Organic Pollutants in Water Proceedings The Project Management Tool Kit Sorensen and Luckmann's Basic Nursing The SAGE Encyclopedia of Communication Research Methods Handbook of Instrumental Techniques for Analytical Chemistry Strategic Planning Identifying Protein-protein Binding Sites and Binding Partners Using Sequence and Structure Information

This research focuses on the complex issue of olive oil processing and the resulting technological changes associated with the olive oil industry during this industry's expansion from a small scale domestic to large-scale industrial technology during the Chalcolithic through Iron Ages (c. 4300-586 BC) in Syro-Palestine. The ultimate goal is to see if the level or type of olive oil technology used at sites can be determined based on their olive remains. However, before this could occur, the author prepares a methodology, the components of which include 1) an ethnographic study investigating how traditional oil pressing and processing affect olive remains, and the incorporation of those remains into the archaeological record, and 2) experimental studies to determine how different processing methods might affect olive remains and their incorporation into the archaeological record. The results from the experimental and ethnographic studies are then applied to archaeological remains from a Late Neolithic site to determine the possible type of processing technology. The type of processing indicated by the comparison of the experimental to the archaeological remains, crushing in a small basin, matches the olive oil processing artifacts and features found at the site. The methods used in this study can be applied to other paleoethnobotanical remains and technologies. Contents: Introduction; Origins and early history of the olive; Ethnographic research; Experimental research; Testing an archaeological sample; Olive oil, trade, and the city state; Conclusions. Save hours of time-consuming paperwork The Addiction Progress Notes Planner, Fifth Edition provides prewritten session and patient presentation descriptions for each behavioral problem in the Addiction Treatment Planner, Fifth Edition. The prewritten progress notes can be easily and quickly adapted to fit a particular client need or treatment situation. Saves you hours of time-consuming paperwork, yet offers the freedom to develop customized progress notes Organized around 44 behaviorally based presenting problems including depression, gambling, nicotine abuse/dependence, chronic pain, and eating disorders Features over 1,000 prewritten progress notes summarizing patient presentation, themes of session, and treatment delivered Provides an array of treatment approaches that correspond with the behavioral problems and DSM-5 diagnostic categories in The Addiction Treatment Planner, Fifth Edition Offers sample progress notes that conform to the latest ASAM guidelines and meet the requirements of most third-party payors and accrediting agencies, including CARF, TJC, COA, and the NCQA Incorporates new progress notes language consistent with Evidence-Based Treatment Interventions The Project Management Tool Kit presents proven project management practices in an accessible, easy-to-apply format Based on established methodologies used by successful project managers in many fields, the Tool Kit features comprehensive summaries of all the processes outlined in the most recent edition of the PMBOK® (Project Management Body of Knowledge). Complete with checklists and other tools for quick implementation, here is a practical and complete guide to mastering any project challenge. Data sharing can accelerate new discoveries by avoiding duplicative trials, stimulating new ideas for research, and enabling the maximal scientific knowledge and benefits to be gained from the efforts of clinical trial participants and investigators. At the same time, sharing clinical trial data presents risks, burdens, and challenges. These include the need to protect the privacy and honor the consent of clinical trial participants; safeguard the legitimate economic interests of sponsors; and guard against invalid secondary analyses, which could undermine trust in clinical trials or otherwise harm public health. Sharing Clinical Trial Data presents activities and strategies for the responsible sharing of clinical trial data. With the goal of increasing scientific knowledge to lead to better therapies for patients, this book identifies guiding principles and makes recommendations to maximize the benefits and minimize risks. This report offers guidance on the types of clinical trial data available at different points in the process, the points in the process at which each type of data should be shared, methods for sharing data, what groups should have access to data, and future knowledge and infrastructure needs. Responsible sharing of clinical trial data will allow other investigators to replicate published findings and carry out additional analyses, strengthen the evidence base for regulatory and clinical decisions, and increase the scientific knowledge gained from investments by the funders of clinical trials. The recommendations of Sharing Clinical Trial Data will be useful both now and well into the future as improved sharing of data leads to a stronger evidence base for treatment. This book will be of interest to stakeholders across the spectrum of research--from funders, to researchers, to journals, to physicians, and ultimately, to patients. With this handbook, these users can find information about the most common analytical chemical techniques in an understandable form, simplifying decisions about which analytical techniques can provide the information they are seeking on chemical composition and structure. Addressing a variety of organizational issues, Data Mining Methods and Applications presents a compilation of recent research works on data mining and forecasting techniques, including multivariate, evolutionary, and neural net methods. This book focuses in particular on data mining techniques used for conducting marketing research. Written by a wide range of contributors from academia and industry, this text provides detailed descriptions of applications in numerous areas, such as finance, engineering, healthcare, economics, science, and management. Real-world case studies that are supported by theoretical chapters offer guidance on how to actually perform data mining methods. Modern neuroscience research is inherently multidisciplinary, with a wide variety of cutting edge new techniques to explore multiple levels of investigation. This Third Edition of Guide to Research Techniques in Neuroscience provides a comprehensive overview of classical and cutting edge methods including their utility, limitations, and how data are presented in the literature. This book can be used as an introduction to neuroscience techniques for anyone new to the field or as a reference for any neuroscientist while reading papers or attending talks. • Nearly 200 updated full-color illustrations to clearly convey the theory and practice of neuroscience methods • Expands on techniques from previous editions and covers many new techniques including in vivo calcium imaging, fiber photometry, RNA-Seq, brain spheroids, CRISPR-Cas9 genome editing, and more • Clear, straightforward explanations of each technique for anyone new to the field • A broad scope of methods, from noninvasive brain imaging in human subjects, to electrophysiology in animal models, to recombinant DNA technology in test tubes, to transfection of neurons in cell culture • Detailed recommendations on where to find protocols and other resources for specific techniques • “Walk-through boxes that guide readers through experiments step-by-step Monograph presenting a review of management techniques relating to organization development -

describes the contingency approach to management, modification of organizational behaviour, management by objectives, management development, management auditing, budgeting, importance of a control cycle, etc. Bibliographies and illustrations. Engineering tasks are supposed to achieve defined goals under certain project constraints. Example goals of software engineering tasks include achieving a certain functionality together with some level of reliability or performance. Example constraints of software engineering tasks include budget and time limitations or experience limitations of the developers at hand. Planning of an engineering project requires the selection of techniques, methods and tools suited to achieve stated goals under given project constraints. This assumes sufficient knowledge regarding the process-product relationships (or effects) of candidate techniques, methods and tools. Planning of software projects suffers greatly from lack of knowledge regarding the process-product relationships of candidate techniques, methods and tools. Especially in the area of testing a project planner is confronted with an abundance of testing techniques, but very little knowledge regarding their effects under varying project conditions. This book offers a novel approach to addressing this problem: First, based on a comprehensive initial characterization scheme (see chapter 7) an overview of existing testing techniques and their effects under varying conditions is provided to guide the selection of testing approaches. Second, the optimisation of this knowledge base is suggested based on experience from experts, real projects and scientific experiments (chapters 8, 9, and 10). This book is of equal interest to practitioners, researchers and students. Practitioners interested in identifying ways to organize their company-specific knowledge about testing could start with the schema provided in this book, and optimise it further by applying similar strategies as offered in chapters 8 and 9. Communication research is evolving and changing in a world of online journals, open-access, and new ways of obtaining data and conducting experiments via the Internet. Although there are generic encyclopedias describing basic social science research methodologies in general, until now there has been no comprehensive A-to-Z reference work exploring methods specific to communication and media studies. Our entries, authored by key figures in the field, focus on special considerations when applied specifically to communication research, accompanied by engaging examples from the literature of communication, journalism, and media studies. Entries cover every step of the research process, from the creative development of research topics and questions to literature reviews, selection of best methods (whether quantitative, qualitative, or mixed) for analyzing research results and publishing research findings, whether in traditional media or via new media outlets. In addition to expected entries covering the basics of theories and methods traditionally used in communication research, other entries discuss important trends influencing the future of that research, including contemporary practical issues students will face in communication professions, the influences of globalization on research, use of new recording technologies in fieldwork, and the challenges and opportunities related to studying online multi-media environments. Email, texting, cellphone video, and blogging are shown not only as topics of research but also as means of collecting and analyzing data. Still other entries delve into considerations of accountability, copyright, confidentiality, data ownership and security, privacy, and other aspects of conducting an ethical research program. Features: 652 signed entries are contained in an authoritative work spanning four volumes available in choice of electronic or print formats. Although organized A-to-Z, front matter includes a Reader's Guide grouping entries thematically to help students interested in a specific aspect of communication research to more easily locate directly related entries. Back matter includes a Chronology of the development of the field of communication research; a Resource Guide to classic books, journals, and associations; a Glossary introducing the terminology of the field; and a detailed Index. Entries conclude with References/Further Readings and Cross-References to related entries to guide students further in their research journeys. The Index, Reader's Guide themes, and Cross-References combine to provide robust search-and-browse in the e-version. An introduction to the Taguchi methodology as a systematic strategy for designing product and process tests that will reduce product or process variation. This text aims to make this method understandable to all professionals in quality control and non-statisticians. Geochemical Techniques for Identifying Sources of Ground-Water Salinization offers a comprehensive look at the threat to the United States' freshwater resources due to salinization and outlines techniques that can be used to study the problem. The book reviews the seven major salt-water sources that commonly mix and deteriorate our fresh ground water (natural saline ground water, halite solution, sea-water intrusion, oil- and gas-field brines, agriculture effluents, saline seep, and road salting). Other topics covered are the characteristics of saltwater sources, geochemical parameters, and basic graphical and statistical methods that are frequently used in saltwater studies. The book also provides geographical charts showing the distribution of the major salt-water sources, illustrating which ones are potential sources in any given area in the United States. Geochemical Techniques for Identifying Sources of Ground-Water Salinization describes the individual geochemical parameters used in identifying salinization and the information on how and where to obtain them. This is an informative book for anyone interested in the present and future quality of our fresh-water supply. Features Now expanded to incorporate nursing and health related professionals, this 2nd edition provides you with the best possible definitions and explanations of the language of health care used in Australia today. In addition, the appendices include valuable information such as: Commonly Used Combining Forms, Tables of Normal Values, Drugs and their Control, and Useful Addresses for Nurses and Allied Health Professionals. This exhibition is a once-in-a-lifetime opportunity to see around 100 exceptional drawings created using the exquisite metalpoint technique. It features works by some of the greatest artists working from the late 14th century to the present including Rogier van der Weyden, Petrus Christus, Leonardo da Vinci, Raphael, Albrecht Dürer, Hans Holbein the Elder, Lucas van Leyden, Rembrandt, Edward Burne-Jones, William Holman Hunt, Otto Dix, Jasper Johns and Bruce Nauman. Works drawn from the British Museum's superb collection of metalpoint drawings sit alongside major loans from European and American museums as well as private collections, including four sheets by Leonardo da Vinci from the Royal Collection.--British Museum website. Describes the use of models and analytical techniques in support of the strategic planning process. A model of the planning process itself is presented and used to identify elements essential to an effective strategy. Incorporates a unique set of readings drawn from strategic management, strategic planning, management science and operational research literatures. Both simple and complex models are presented, and among the topics covered are: product portfolio matrices, PIMS, SWOT analysis, cognitive mapping, scenario development, risk analysis, corporate modelling, robustness analysis, plan evaluation matrices, capital investment appraisal, and the analytic hierarchy process. This book explains how to resolve every challenge faced on a day-to-day basis in your business by presenting an unbeatable inventory of proven problem solving tools and techniques to help you tackle your toughest business dilemmas effectively. You will learn how to: · Overcome any business challenge with robust logic and structure · How to break down problems and make your workload lighter · Deliver the 'killer' recommendations · Discover how to successfully implement change in people and organisations · How to keep yourself, your team, and your stakeholders happy · How to use an effective hypothesis-driven approach to problem solving Using case studies, a 'best practice example' and at least one figurative table or figure, every dilemma is brought to life equipping you with the very best tools to confront any problem your business may face. 'The most successful businesses don't avoid problems – they solve them. This practical, insightful and entertaining book guides you through how to do this. An indispensable resource for any manager.' Richard Newton, Business consultant and best-selling author ----- 'One of the key attributes in running a business successfully is the ability to see a situation in perspective. Too often the real issues go unrecognised, signs are misread, an opportunity slips by, the wrong problem is addressed. Only in retrospect is it obvious what should have been done. It is not easy, but the tools and techniques covered in Key Business Solutions should help.' Sir George Cox, Author of the HM Treasury Cox Review of Creativity in UK Business and former Chairman of the Design Council Technical analysis expert L.A. Little shows how to identify and trade big market moves Significant money can be made in the stock market by following big trends. In Trend Qualification and Trading, market technician L.A. Little explains how to identify and qualify these trends to determine the likelihood that they will continue and produce better trading results. By combining price, volume, different timeframes, and the relationship between the general market, sectors, and individual stocks, Little shows how to measure the strength of stock trends. Most importantly, he demonstrates how to determine if a trend has what it takes to develop into a major move with greater profit potential or if it is basically a false signal. Takes a proven technical approach to identifying and profiting from financial market trends Shows how to best time entries, when to take profits, and when to exit trades Introduces Little's proprietary concept, The Trading Cube, which visually combines time and trend for a given trading instrument Filled with in-depth insights and practical advice, this guide will help you make more of your time in today's markets by providing an in-depth explanation of how to identify and qualify trends. Packed with more than 350 techniques, this book delivers what you need to know-on the spot. Its concise presentation of professional techniques is suited to experienced artists whether you are: * Migrating from another visual effects application * Upgrading to Houdini 9 * Seeking a handy reference to raise your proficiency with Houdini Houdini On the Spot presents immediate solutions in an accessible format. It clearly illustrates the essential methods that pros use to get the job done efficiently and creatively. Screenshots and step-by-step instructions show you how to: * Navigate and manipulate the version 9 interface * Create procedural models that can be modified quickly and efficiently with Surface Operators (SOPs) * Use Particle Operators (POPs) to build complex simulations with speed and precision * Minimize the number of operators in your simulations with Dynamics Operators (DOPs) * Extend Houdini with customized tools to include data or scripts with Houdini Digital Assets (HDAs) * Master the version 9 rendering options including Physically Based Rendering (PBR), volume rendering and motion blur * Quickly modify timing, geometry, space and rotational values of your animations with Channel Operators (CHOPs) * Create and manipulate elements with Composite Operators (COPs); Houdini's full-blown compositor

toolset * Make your own SOPs, COPs, POPs, CHOPs, and shaders with the Vector Expressions (VEX) shading language * Configure the Houdini interface with customized environments and hotkeys * Mine the treasures of the dozens of standalone applications that are bundled with Houdini

In *Designs, Methods and Practices for Research of Project Management*, Beverly Pasion has brought together original chapters from a veritable who's who of project management research including authors such as Harvey Maylor, Christophe Bredillet, Derek Walker, Miles Shepherd, Janice Thomas, Naomi Brookes and Darren Dalcher. The collection looks at research strategy, management, methodology, techniques as well as emerging topics such as social network analysis. The 38 chapters offer an international perspective with examples from a wide range of project management applications; engineering, construction, mega-projects, high-risk environments and social transformation. The food supply chain needs to reassure consumers and businesses about the safety and standards of food. Global estimates of the cost of food fraud to economies run into billions of dollars hence a huge surge in interest in food authenticity and means of detecting and preventing food fraud and food crime. Approaches targeting DNA markers have assumed a pre-eminence. This book is the most comprehensive and timely collection of material from those working at the forefront of DNA techniques applied to food authenticity. Addressing the new field of analytical molecular biology as it combines the quality assurance rigour of analytical chemistry with DNA techniques, it introduces the science behind DNA as a target analyte, its extraction, amplification, detection and quantitation as applied to the detection of food fraud and food crime. Making the link with traditional forensic DNA profiling and describing emerging and cutting-edge techniques such as next generation sequencing, this book presents real-world case studies from a wide perspective including from analytical service providers, industry, enforcement agencies and academics. It will appeal to food testing laboratories worldwide, who are just starting to use these techniques and students of molecular biology, food science and food integrity. Food policy professionals and regulatory organisations who will be using these techniques to back up legislation and regulation will find the text invaluable. Those in the food industry in regulatory and technical roles will want to have this book on their desks. The overall goal of this research is to analyze and evaluate risk analysis methodologies that are used in a variety of engineering fields, select two risk analysis methods, and use them to evaluate the probability of producing non-compliant drinking water from a rapid gravity filtration unit with respect to turbidity. Lace, like silver or porcelain, can be classified by type and its date and place of origin often can be identified. But in the absence of marks giving maker or date, lace must be judged on its technical features and style. This new edition gathers fascinating and useful information in an easy to read and well-organised text covering needlepoint laces, embroideries, lace knitting and tatting, and bobbin laces made in Europe from the 16th century forward, including 19th century revivals. Each type is described and illustrated with hundreds of photographs and line drawings to show the technical characteristics and particular regard to the way one lace compares with another. A glossary, notes on cleaning, care, and conservation, and a price guide make this an essential reference for lace makers, designers, and lace collectors alike. Take your story to the next level of excellence! You've completed the first draft of your novel--now what? Chances are, it's not perfect...at least not yet. In order to increase your chances of getting a literary agent, selling your manuscript to a publisher, or garnering an audience for your self-published work, you need targeted, practical instruction on tackling the problem areas and weak spots in your story. You need *Troubleshooting Your Novel*. In this hand-on, easy-to-use guide, award-winning author Steven James provides helpful techniques and checklists, timesaving tricks of the trade, and hundreds of questions for manuscript analysis and revision. You'll learn how to:

- ADJUST elements of story progression, from causality, tension, and setbacks to plot twists, climaxes, and endings.
- DEVELOP authentic, riveting characters by exploring their attitudes, desires, beliefs, and more.
- LEARN narrative techniques for elements such as dialogue, flashbacks, suspense, voice, subtext, and flow.
- ENSURE reader engagement by aligning with their expectations, fulfilling promises, and instilling trust.
- CHECK issues with context and continuity.

You owe your book more than just a polish and a proofread. Strengthen your story, prepare it for the marketplace, and make it the best it can be with *Troubleshooting Your Novel*. The power of personal influence This book is for you: buy now!! Book discount for a few days!! The 4th edition of *Viral Hepatitis* covers comprehensively the entire complex field of infections caused by all of the different hepatitis viruses, which affect many millions of people throughout the world with considerable morbidity and mortality. Howard Thomas and Arie Zuckerman are joined by Anna Lok from the USA and Stephen Locarnini from Australia as Editors. They have recruited leading researchers and physicians from many countries, who have produced an authoritative account of current knowledge and research on this important infection, including new insights into immune response to HBV and HCV. The result is a comprehensive account on all aspects of viral hepatitis, including rapid advances in the diagnosis, management, treatment and prevention of a complex infection, which in the case of hepatitis B, C and D may lead to severe complications including chronic hepatitis, cirrhosis and hepatocellular carcinoma. The latest edition of *Viral Hepatitis* offers an essential resource of current information for hepatologists, gastroenterologists, infectious diseases specialists and other clinicians, researchers, public health physicians and National and International Health Authorities. Effective risk management is essential for the success of large projects built and operated by the Department of Energy (DOE), particularly for the one-of-a-kind projects that characterize much of its mission. To enhance DOE's risk management efforts, the department asked the NRC to prepare a summary of the most effective practices used by leading owner organizations. The study's primary objective was to provide DOE project managers with a basic understanding of both the project owner's risk management role and effective oversight of those risk management activities delegated to contractors. Software is the essential enabler for the new economy and science. It creates new markets and new directions for a more reliable, flexible, and robust society. It empowers the exploration of our world in ever more depth. However, software often falls short behind our expectations. Current software methodologies, tools, and techniques remain expensive and not yet reliable for a highly changeable and evolutionary market. Many approaches have been proven only as case-by-case oriented methods. This book presents a number of new trends and theories in the direction in which we believe software science and engineering may develop to transform the role of software and science in tomorrow's information society. This publication is an attempt to capture the essence of a new state of art in software science and its supporting technology. It also aims at identifying the challenges such a technology has to master.

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