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Machine Learning for Text  
Protecting Children in Armed Conflict  
Python for Data Analysis  
The Ruby Way  
Fundamentals of Molecular Virology  
Expert One-on-One J2EE Design and Development  
Practical Binary Analysis  
Interim Measures in International Commercial Arbitration  
Jet Web  
Merchants of Despair  
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Lightning Protection of Aircraft  
Digital Forensics and Cyber Crime  
Contracts for the International Sale of Goods  
Routledge Handbook of Community Forestry  
Full Life Cycle API Management Standard Requirements  
Aulton's Pharmaceuticals  
Bayesian Data Analysis, Third Edition  
Applied Linear Statistical Models  
Causality  
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## **MORA SKYLAR**

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### **Machine Learning for Text** Springer Nature

Causality offers the first comprehensive coverage of causal analysis in many sciences, including recent advances using graphical methods. Pearl presents a unified account of the probabilistic, manipulative, counterfactual and structural approaches to causation, and devises simple mathematical tools for analyzing the relationships between causal connections, statistical associations, actions and observations. The book will open the way for including causal analysis in the standard curriculum of statistics, artificial intelligence ...

### **Protecting Children in Armed Conflict** Springer

Designed for students learning about viruses for the first time at the undergraduate or graduate level, Fundamentals of Molecular Virology is presented in a style which relates to today's students and professors. This book is also a valuable, up-to-date source of information for graduate students, postdoctoral fellows and research scientists working with viruses. Chapters contributed by prominent virologists were edited to conform to a clear and accessible style. The text provides a thorough presentation of basic and contemporary concepts in virology for a student's first exposure to the field.

### **Python for Data Analysis** Packt Publishing Ltd

Contracts for the International Sale of Goods provides an examination of the United Nations Convention on Contracts for

the International Sale of Goods (CISG). Extensively referenced, this volume focuses on three fundamental issues, which, due to added attention from courts and arbitral tribunals, are considered “typical” of CISG related disputes. These include the exact determination of the CISG’s sphere of application; issues relating to the non-conformity of delivered goods; and the determination of the rate of interest on sums in arrears. This analysis will also help readers understand the broader context in which these issues are embedded, and ultimately illustrates how the CISG is interpreted and applied in different jurisdictions. A special course adoption price is available for an order of six or more copies from a university bookstore. Contact [cs@brillusa.com](mailto:cs@brillusa.com) or [sales@brill.com](mailto:sales@brill.com).

#### The Ruby Way Addison-Wesley Professional

Get complete instructions for manipulating, processing, cleaning, and crunching datasets in Python. Updated for Python 3.6, the second edition of this hands-on guide is packed with practical case studies that show you how to solve a broad set of data analysis problems effectively. You’ll learn the latest versions of pandas, NumPy, IPython, and Jupyter in the process. Written by Wes McKinney, the creator of the Python pandas project, this book is a practical, modern introduction to data science tools in Python. It’s ideal for analysts new to Python and for Python programmers new to data science and scientific computing. Data files and related material are available on GitHub. Use the IPython shell and Jupyter notebook for exploratory computing  
 Learn basic and advanced features in NumPy (Numerical Python)  
 Get started with data analysis tools in the pandas library  
 Use flexible tools to load, clean, transform, merge, and reshape data

Create informative visualizations with matplotlib  
 Apply the pandas groupby facility to slice, dice, and summarize datasets  
 Analyze and manipulate regular and irregular time series data  
 Learn how to solve real-world data analysis problems with thorough, detailed examples

#### *Fundamentals of Molecular Virology* McGraw-Hill/Irwin

What is this book about? The results of using J2EE in practice are often disappointing: applications are often slow, unduly complex, and take too long to develop. Rod Johnson believes that the problem lies not in J2EE itself, but in that it is often used badly. Many J2EE publications advocate approaches that, while fine in theory, often fail in reality, or deliver no real business value. Expert One-on-One: J2EE Design and Development aims to demystify J2EE development. Using a practical focus, it shows how to use J2EE technologies to reduce, rather than increase, complexity. Rod draws on his experience of designing successful high-volume J2EE applications and salvaging failing projects, as well as intimate knowledge of the J2EE specifications, to offer a real-world, how-to guide on how you too can make J2EE work in practice. It will help you to solve common problems with J2EE and avoid the expensive mistakes often made in J2EE projects. It will guide you through the complexity of the J2EE services and APIs to enable you to build the simplest possible solution, on time and on budget. Rod takes a practical, pragmatic approach, questioning J2EE orthodoxy where it has failed to deliver results in practice and instead suggesting effective, proven approaches. What does this book cover? In this book, you will learn  
 When to use a distributed architecture  
 When and how to use EJB  
 How to develop an efficient data access strategy  
 How to design a clean and

maintainable web interface How to design J2EE applications for performance Who is this book for? This book would be of value to most enterprise developers. Although some of the discussion (for example, on performance and scalability) would be most relevant to architects and lead developers, the practical focus would make it useful to anyone with some familiarity with J2EE. Because of the complete design-deployment coverage, a less advanced developer could work through the book along with a more introductory text, and successfully build and understand the sample application. This comprehensive coverage would also be useful to developers in smaller organisations, who might be called upon to fill several normally distinct roles. What is special about this book? Wondering what differentiates this book from others like it in the market? Take a look: It does not just discuss technology, but stress its practical application. The book is driven from the need to solve common tasks, rather than by the elements of J2EE. It discuss risks in J2EE development It takes the reader through the entire design, development and build process of a non-trivial application. This wouldn't be compressed into one or two chapters, like the Java Pet Store, but would be a realistic example comparable to the complexity of applications readers would need to build. At each point in the design, alternative choices would be discussed. This would be important both where there's a real problem with the obvious alternative, and where the obvious alternatives are perhaps equally valid. It emphasizes the use of OO design and design patterns in J2EE, without becoming a theoretical book

**Expert One-on-One J2EE Design and Development** Mercury Learning and Information

This Handbook seeks to be the definitive reference for the large and growing field of Open Innovation. A comprehensive collection of short and authoritative chapters, the volume summarizes the most vital research published in Open Innovation. It is an essential reference for seasoned scholars, a welcome introduction for junior scholars, and a kick-start package for undergraduate and MBA students. Four editors, 75 reviewers, and 136 contributors collaboratively developed 57 chapter handbook chapters. These present the current state of the art featuring academic theory and managerial practice as well as the outlook for how open innovation should be further developed. The empirical, conceptual, and practical insights of the handbook highlight the importance of strengthening practice-inspired research and purposeful knowledge exchanges between individuals, organizations, and ecosystems.

**Practical Binary Analysis** Springer

This book constitutes the refereed proceedings of the 11th International Conference on Digital Forensics and Cyber Crime, ICDF2C 2020, held in Boston, MA, in October 2020. Due to COVID-19 pandemic the conference was held virtually. The 11 reviewed full papers and 4 short papers were selected from 35 submissions and are grouped in topical sections on digital forensics; cyber-physical system Forensics; event reconstruction in digital forensics; emerging topics in forensics; cybersecurity and digital forensics.

Interim Measures in International Commercial Arbitration Wiley Global Education

Interim measures by courts as well as tribunals are often critical to succeed in arbitration proceedings and to effectively safeguard

the rights of parties pending the final adjudication of their dispute. This important book comprises a comprehensive review of interim measures in international commercial arbitration granted by courts and tribunals across jurisdictions that have adopted the UNCITRAL Model Law to critically assess the practical fault lines in the Indian arbitration regime. The book provides an in-depth analysis of the following: all reported judgments of the Indian Supreme Court and the High Courts from 1993 to 2022 on issues concerning interim measures; practical application of the UNCITRAL Model Law (and the revisions in 2006) by national arbitration statutes of over 80 jurisdictions with respect to interim measures; comparative practice and jurisprudence on interim measures in international commercial arbitration; rules of major arbitral institutions on the power and scope of interim measures granted by tribunals; detailed analysis of different types of interim measures, including anti-suit, anti-arbitration injunctions, security for costs, and interim measures in aid of foreign-seated arbitrations, the standards to be applied, and the burden of proof to be demonstrated for each type of measure; and issues of enforcement of interim measures in domestic, international, and foreign seated arbitrations. The current position of law in India and the problems plaguing the country's Arbitration and Conciliation Act 1996 (IAA), as amended in 2015 with respect to interim measures, are brought into direct comparison with other Model Law jurisdictions, offering an analysis of case laws, practical insights and cogent suggestions based on best practices that can be adopted by parties and tribunals. The Appendices provide a detailed list of statutory provisions of countries that have adopted the Model Law along with rules of major arbitral

institutions on interim measures. The author not only describes the current position of law in India and other Model Law jurisdictions on interim measures but also reveals a comprehensive understanding of the requests for interim measures, and their enforcement in domestic, international, and foreign seated arbitrations. This book engages in a comprehensive and clear discussion on the fine line between court assistance and court intervention, especially in the case of interim measures and suggests draft provisions that India and other jurisdictions can adopt in order to align with the 2006 revisions to the Model Law to foster certainty, predictability, and efficiency in case of interim measures in international commercial arbitration.

*Jet Web* CRC Press

This book explains how WPF works from the ground up. It is one of the first books available, and also one of the most detailed. It follows on from the author's previous and highly successful books covering Windows Forms. It is a one-stop shop in Apress' proven 'Pro' style that leaves readers with a deep understanding of the technology and able to take the concepts away and apply them for themselves. The book is written by Matthew MacDonald, author of two highly successful books on WPF's predecessor technology and with a proven track record of explaining breaking technologies clearly and precisely.

*Merchants of Despair* Elsevier Health Sciences

This updated bestseller provides an introduction to programming interactive computer graphics, with an emphasis on game development using DirectX 12. The book is divided into three main parts: basic mathematical tools, fundamental tasks in

Direct3D, and techniques and special effects. It shows how to use new Direct12 features such as command lists, pipeline state objects, descriptor heaps and tables, and explicit resource management to reduce CPU overhead and increase scalability across multiple CPU cores. The book covers modern special effects and techniques such as hardware tessellation, writing compute shaders, ambient occlusion, reflections, normal and displacement mapping, shadow rendering, and character animation. Includes a companion DVD with code and figures. eBook Customers: Companion files are available for downloading with order number/proof of purchase by writing to the publisher at [info@merclearning.com](mailto:info@merclearning.com). FEATURES: • Provides an introduction to programming interactive computer graphics, with an emphasis on game development using DirectX 12 • Uses new Direct3D 12 features to reduce CPU overhead and take advantage of multiple CPU cores • Contains detailed explanations of popular real-time game effects • Includes a DVD with source code and all the images (including 4-color) from the book • Learn advance rendering techniques such as ambient occlusion, real-time reflections, normal and displacement mapping, shadow rendering, programming the geometry shader, and character animation • Covers a mathematics review and 3D rendering fundamentals such as lighting, texturing, blending and stenciling • Use the end-of-chapter exercises to test understanding and provide experience with DirectX 12

### **Spring Recipes** John Wiley & Sons

Now in its third edition, this classic book is widely considered the leading text on Bayesian methods, lauded for its accessible, practical approach to analyzing data and solving research

problems. Bayesian Data Analysis, Third Edition continues to take an applied approach to analysis using up-to-date Bayesian methods. The authors—all leaders in the statistics community—introduce basic concepts from a data-analytic perspective before presenting advanced methods. Throughout the text, numerous worked examples drawn from real applications and research emphasize the use of Bayesian inference in practice. New to the Third Edition Four new chapters on nonparametric modeling Coverage of weakly informative priors and boundary-avoiding priors Updated discussion of cross-validation and predictive information criteria Improved convergence monitoring and effective sample size calculations for iterative simulation Presentations of Hamiltonian Monte Carlo, variational Bayes, and expectation propagation New and revised software code The book can be used in three different ways. For undergraduate students, it introduces Bayesian inference starting from first principles. For graduate students, the text presents effective current approaches to Bayesian modeling and computation in statistics and related fields. For researchers, it provides an assortment of Bayesian methods in applied statistics. Additional materials, including data sets used in the examples, solutions to selected exercises, and software instructions, are available on the book's web page.

### **Lightning Protection of Aircraft** Springer Nature

In armed conflicts around the world, children are being killed, raped, abducted and recruited to fight at a shocking scale. In light of this continuing general failure to protect children in conflict, it is questionable whether existing international law norms and institutions provide sufficient protection and

accountability. Consideration needs to be given to whether international law can do more – practically and effectively – when moral lines are crossed. That is the purpose of this book. It reviews the position of children in armed conflict by reference to the 'six grave violations' as identified by the UN Security Council. It analyses the protection offered by international humanitarian law, international criminal law and international human rights law, and also assesses the related adjudicative accountability mechanisms. The analysis concludes with a number of recommendations and proposals for reform, with a view to enhancing accountability and deterring future violations. The book has been written by a team of lawyers, headed by Shaheed Fatima QC, and has drawn on the input of an expert advisory panel comprising leading academics, policy-makers and activists. It has been written as part of the Inquiry on Protecting Children in Conflict. The Inquiry has been sponsored by Save the Children and Theirworld and chaired by former UK Prime Minister, Gordon Brown.

Digital Forensics and Cyber Crime Martinus Nijhoff Publishers  
The books included in this set are: 9780470502204 Professional ASP.NET 4: in C# and VB: Written by three highly recognized and regarded ASP.NET experts, this book provides comprehensive coverage on ASP.NET 4 with a unique approach featuring examples in both C# and VB, as is the incomparable coverage of core ASP.NET. After a fast-paced refresher on essentials such as server controls, the book delves into expert coverage of all the latest capabilities of ASP.NET 4. 9780470502259 Professional C# 4 and .NET 4: After a quick refresher on C# basics, the author dream team moves on to provide you with details of language

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Professional Visual Studio 2010: This book gets you quickly up to speed on what you can expect from Visual Studio 2010. Packed with helpful examples, this comprehensive guide explains and examines the features of Visual Studio 2010, which allows you to create and manage programming projects for the Windows platform. It walks you through every facet of the Integrated Development Environment (IDE), from common tasks and functions to its powerful tools 9780470499832 Visual Basic 2010 Programmer's Reference: This reference guide provides you with a broad, solid understanding of essential Visual Basic 2010 topics and clearly explains how to use this powerful programming language to perform a variety of tasks. As a tutorial, the book describes the Visual Basic language and covers essential Visual Basic topics. The material presents categorized information regarding specific operations and reveals useful tips, tricks, and tidbits to help you make the most of the new Visual Basic 2010. 9780470477229 WPF Programmer's Reference: Windows Presentation Foundation with C# 2010 and .NET 4: Written by a leading expert on Microsoft graphics programming, this richly illustrated book provides an introduction to WPF development and explains fundamental WPF concepts. It is packed with helpful examples and progresses through a range of topics that gradually increase in their complexity. 9780470257029 Professional SQL Server 2008 Programming: This expanded best-seller includes



new coverage of SQL Server 2008's new datatypes, new indexing structures, manageability features, and advanced time-zone handling. As an added bonus, also includes Professional SQL Server 2005 Programmers for .NET 4 developers still working in a SQL Server 2005 setting.

**Contracts for the International Sale of Goods** John Wiley & Sons

Includes Complete Coverage of the OpenGL® Shading Language! Today's OpenGL software interface enables programmers to produce extraordinarily high-quality computer-generated images and interactive applications using 2D and 3D objects, color images, and programmable shaders. OpenGL® Programming Guide: The Official Guide to Learning OpenGL®, Version 4.3, Eighth Edition, has been almost completely rewritten and provides definitive, comprehensive information on OpenGL and the OpenGL Shading Language. This edition of the best-selling "Red Book" describes the features through OpenGL version 4.3. It also includes updated information and techniques formerly covered in OpenGL® Shading Language (the "Orange Book"). For the first time, this guide completely integrates shader techniques, alongside classic, functioncentric techniques.

Extensive new text and code are presented, demonstrating the latest in OpenGL programming techniques. OpenGL® Programming Guide, Eighth Edition, provides clear explanations of OpenGL functionality and techniques, including processing geometric objects with vertex, tessellation, and geometry shaders using geometric transformations and viewing matrices; working with pixels and texture maps through fragment shaders; and advanced data techniques using framebuffer objects and

compute shaders. New OpenGL features covered in this edition include Best practices and sample code for taking full advantage of shaders and the entire shading pipeline (including geometry and tessellation shaders) Integration of general computation into the rendering pipeline via compute shaders Techniques for binding multiple shader programs at once during application execution Latest GLSL features for doing advanced shading techniques Additional new techniques for optimizing graphics program performance

**Routledge Handbook of Community Forestry** Oxford University Press

Linear regression with one predictor variable; Inferences in regression and correlation analysis; Diagnostic and remedial measures; Simultaneous inferences and other topics in regression analysis; Matrix approach to simple linear regression analysis; Multiple linear regression; Nonlinear regression; Design and analysis of single-factor studies; Multi-factor studies; Specialized study designs.

Full Life Cycle API Management Standard Requirements Apress

The present book describes the development history of turbojet engines, mainly in the web-type triangle Great Britain (USA) - Germany - Switzerland from early beginnings in the 1920s up to the first practical usage in the 1950s, before the still unbroken, grand impact of aero propulsion technology on global air traffic started. interconnections are highlighted, including the considerable impact of axial-flow compressor design know-how of the Swiss/German company BBC Brown Boveri & Cie. on both sides. The author reveals significant undercurrents which led to a considerable exchange, and thus change in understanding of the



technical-historical perspective, especially in the decisive years before WWII, and thus closes gaps in the unilateral views of this ground-breaking technical advancement. The old 'Whittle vs. von Ohain Saga' is not repeated in full, but addressed in sufficient detail to understand the considerably enlarged narrative scope.

**Aulton's Pharmaceuticals** CreateSpace

Controlling the properties of materials by modifying their composition and by manipulating the arrangement of atoms and molecules is a dream that can be achieved by nanotechnology. As one of the fastest developing and innovative -- as well as well-funded -- fields in science, nanotechnology has already significantly changed the research landscape in chemistry, materials science, and physics, with numerous applications in consumer products, such as sunscreens and water-repellent clothes. It is also thanks to this multidisciplinary field that flat panel displays, highly efficient solar cells, and new biological imaging techniques have become reality. This second, enlarged edition has been fully updated to address the rapid progress made within this field in recent years. Internationally recognized experts provide comprehensive, first-hand information, resulting in an overview of the entire nano-micro world. In so doing, they cover aspects of funding and commercialization, the manufacture and future applications of nanomaterials, the fundamentals of nanostructures leading to macroscale objects as well as the ongoing miniaturization toward the nanoscale domain. Along the way, the authors explain the effects occurring at the nanoscale and the nanotechnological characterization techniques. An additional topic on the role of nanotechnology in energy and mobility covers the challenge of developing materials and

devices, such as electrodes and membrane materials for fuel cells and catalysts for sustainable transportation. Also new to this edition are the latest figures for funding, investments, and commercialization prospects, as well as recent research programs and organizations.

*Bayesian Data Analysis, Third Edition* No Starch Press

This book presents computer programming as a key method for solving mathematical problems. There are two versions of the book, one for MATLAB and one for Python. The book was inspired by the Springer book TCSE 6: A Primer on Scientific Programming with Python (by Langtangen), but the style is more accessible and concise, in keeping with the needs of engineering students. The book outlines the shortest possible path from no previous experience with programming to a set of skills that allows the students to write simple programs for solving common mathematical problems with numerical methods in engineering and science courses. The emphasis is on generic algorithms, clean design of programs, use of functions, and automatic tests for verification.

**Applied Linear Statistical Models** Routledge

This handbook provides a comprehensive overview and cutting-edge assessment of community forestry. Containing contributions from academics, practitioners, and professionals, the Routledge Handbook of Community Forestry presents a truly global overview with case studies drawn from across Africa, Asia, Europe, and the Americas. The Handbook begins with an overview of the chapters and a discussion of the concept of community forestry and the key issues. Topics as wide-ranging as Indigenous forestry, conservation and ecosystem management,

relationships with industrial forestry, trade and supply systems, land tenure and land grabbing, and climate change are addressed. The Handbook also focuses on governance, looking at the range of approaches employed, including multi-level governance and rights-based approaches, and the principal actors involved from local communities and Indigenous Peoples to governments and national and international non-governmental organisations. The Handbook reveals the importance of the historical context to community forestry and the effects of power and politics. Importantly, the Handbook not only focuses on successful examples of community forestry, but also addresses failures in order to highlight the key challenges we are still facing and potential solutions. The Routledge Handbook of Community Forestry is essential reading for academics, professionals, and practitioners interested in forestry, natural resource management, conservation, and sustainable development. *Causality* "O'Reilly Media, Inc."

Why spend time on coding problems that others have already

solved when you could be making real progress on your Ruby project? This updated cookbook provides more than 350 recipes for solving common problems, on topics ranging from basic data structures, classes, and objects, to web development, distributed programming, and multithreading. Revised for Ruby 2.1, each recipe includes a discussion on why and how the solution works. You'll find recipes suitable for all skill levels, from Ruby newbies to experts who need an occasional reference. With Ruby Cookbook, you'll not only save time, but keep your brain percolating with new ideas as well. Recipes cover: Data structures including strings, numbers, date and time, arrays, hashes, files and directories Using Ruby's code blocks, also known as closures OOP features such as classes, methods, objects, and modules XML and HTML, databases and persistence, and graphics and other formats Web development with Rails and Sinatra Internet services, web services, and distributed programming Software testing, debugging, packaging, and distributing Multitasking, multithreading, and extending Ruby with other languages

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