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KEY=BY - JIMMY MADILYNN

Python for Data Analysis Data Wrangling with Pandas, NumPy, and IPython ["O'Reilly Media, Inc."](#) **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** **Introduction to Probability and Statistics for Engineers and Scientists** [John Wiley & Sons Incorporated](#) **Elements of probability; Random variables and expectation; Special; random variables; Sampling; Parameter estimation; Hypothesis testing; Regression; Analysis of variance; Goodness of fit and nonparametric testing; Life testing; Quality control; Simulation. Designing Interfaces Patterns for Effective Interaction Design** ["O'Reilly Media, Inc."](#) **Provides information on designing easy-to-use interfaces. Business Model Generation A Handbook for Visionaries, Game Changers, and Challengers** [John Wiley & Sons](#) **Business Model Generation is a handbook for visionaries, game changers, and challengers striving to defy outmoded business models and design tomorrow's enterprises. If your organization needs to adapt to harsh new realities, but you don't yet have a strategy that will get you out in front of your competitors, you need Business Model Generation. Co-created by 470 "Business Model Canvas" practitioners from 45 countries, the book features a beautiful, highly visual, 4-color design that takes powerful strategic ideas and tools, and makes them easy to implement in your organization. It explains the most common Business Model patterns, based on concepts from leading business thinkers, and helps you reinterpret them for your own context. You will learn how to systematically understand, design, and implement a game-changing business model--or analyze and renovate an old one. Along the way, you'll understand at a much deeper level your customers, distribution channels, partners, revenue streams, costs, and your core value proposition. Business Model Generation features practical innovation techniques used today by leading consultants and companies worldwide, including 3M, Ericsson, Capgemini, Deloitte, and others. Designed for doers, it is for those ready to abandon outmoded thinking and embrace new models of value creation: for executives, consultants, entrepreneurs, and leaders of all organizations. If you're ready to change the rules, you belong to "the business model generation!"** **A History of Food** [John Wiley & Sons](#) **The story of cuisine and the social history of eating is a fascinating one, and Maguelonne Toussaint-Samat covers all its aspects in this classic history. New expanded edition of a classic book, originally published to great critical acclaim from Raymond Blanc, The New York Times, The Sunday Telegraph, The Independent and more Tells the story of man's relationship with food from earliest times to the present day Includes a new foreword by acclaimed food writer Betty Fussell, a preface by the author, updated bibliography, and a new chapter bringing the story up to date New edition in jacketed hardback, with c.70 illustrations and a new glossy color plate section "Indispensable, and an endlessly fascinating book. The view is staggering. Not a book to digest at one or several sittings. Savor it instead, one small slice at a time, accompanied by a very fine wine." -New York Times "This book is not only impressive for the knowledge it provides, it is unique in its integration of historical anecdotes and factual data. It is a marvellous reference to a great many topics." -Raymond Blanc "Quirky, encyclopaedic, and hugely entertaining. Adelight." -Sunday Telegraph "It's the best book when you are looking for very clear but interesting stories. Everything is cross-referenced to an extraordinary degree, which is great because the information given is so complex and interweaving." -The Independent "A History of Food is a monumental work, a prodigious feat of careful scholarship, patient research and attention to detail. Full of astonishing but insufficiently known facts." -Times Higher Education Supplement** **Sustainable Transportation Planning Tools for Creating Vibrant, Healthy, and Resilient Communities** [John Wiley & Sons](#) **"The Great American Dream of cruising down the parkway, zipping from here to there at any time has given way to a true nightmare that is destroying the environment, costing billions and deeply impacting our personal well-being. Getting from A to B has never been more difficult, expensive or miserable. It doesn't have to be this way. Jeffrey Tumlin's book Sustainable Transportation**

Planning offers easy-to-understand, clearly explained tips and techniques that will allow us to quite literally take back our roads. Essential reading for anyone who wants to drive our transportation system out of the gridlock." -Marianne Cusato, home designer and author of *Get Your House Right: Architectural Elements to Use and Avoid* ?The book is full of useful ideas on nearly every page.? ? Bill DiBenedetto of Triple Pundit As transportations-related disciplines of urban planning, architecture, landscape architecture, urban economics, and social policy have undergone major internal reform efforts in recent decades Written in clear, easy-to-follow language, this book provides planning practitioners with the tools they need to achieve their cities? economic development, social equity and ecological sustainability goals. Starting with detailed advice for improving each mode of transportation, the book offers guidance on balancing the needs of each mode against each other, whether on a downtown street, or a small town neighborhood, or a regional network. **Stochastic Simulation** [John Wiley & Sons Incorporated](#) This book is a comprehensive guide to simulation methods with explicit recommendations of methods and algorithms. It covers both the technical aspects of the subject, such as the generation of random numbers, non-uniform random variates and stochastic processes, and the use of simulation. **Learning SQL Master SQL Fundamentals** [O'Reilly Media](#) Updated for the latest database management systems -- including MySQL 6.0, Oracle 11g, and Microsoft's SQL Server 2008 -- this introductory guide will get you up and running with SQL quickly. Whether you need to write database applications, perform administrative tasks, or generate reports, *Learning SQL, Second Edition*, will help you easily master all the SQL fundamentals. Each chapter presents a self-contained lesson on a key SQL concept or technique, with numerous illustrations and annotated examples. Exercises at the end of each chapter let you practice the skills you learn. With this book, you will: Move quickly through SQL basics and learn several advanced features Use SQL data statements to generate, manipulate, and retrieve data Create database objects, such as tables, indexes, and constraints, using SQL schema statements Learn how data sets interact with queries, and understand the importance of subqueries Convert and manipulate data with SQL's built-in functions, and use conditional logic in data statements Knowledge of SQL is a must for interacting with data. With *Learning SQL*, you'll quickly learn how to put the power and flexibility of this language to work. **Core and Metro Networks** [John Wiley & Sons](#) Find out everything you need to know about how current networks will have to evolve to provide for future broadband services In this book, the authors provide an overview of the status, challenges, architectures, and technological solutions for core and metropolitan networks. Furthermore, the book describes the current state of core and metropolitan telecommunication networks, as well as the drivers and motives behind the current paradigm shift in the telecommunications industry. Moreover, the authors elaborate system design guidelines for both point-to-point and multi-hop optical networks taking into consideration the analogue nature of the transmission channel. **Key Features:** Provides coverage of all aspects of core and metro networks supporting future broadband services, and a detailed description of the state-of-the-art Presents a clear path for migrating from point-to-point to data-centric, dynamic, multi-hop optical networks Shows how current systems will need to evolve over the coming years, summarizing challenges and issues to be investigated in future research Covers a wide range of topics from network architectures, to control plane, to key optical and optoelectronic devices, and best practice in transmission and system design Provides results, best practices and guidelines for various technical problems, including numerous hands-on examples Written by authors from cutting-edge companies such as Alcatel-Lucent, Siemens, Lucent, France Telecom, BT, and Telefonica **Optical Core and Metro Networks** will be of interest to researchers in industry and academia, and advanced (final year undergraduate) and postgraduate students undertaking communications, networking and optics courses. **Level Up! The Guide to Great Video Game Design** [John Wiley & Sons](#) Design and build cutting-edge video games with help from video game expert Scott Rogers! If you want to design and build cutting-edge video games but aren't sure where to start, then this is the book for you. Written by leading video game expert Scott Rogers, who has designed the hits *Pac Man World*, *Maxim vs. Army of Zin*, and *SpongeBob Squarepants*, this book is full of Rogers's wit and imaginative style that demonstrates everything you need to know about designing great video games. Features an approachable writing style that considers game designers from all levels of expertise and experience Covers the entire video game creation process, including developing marketable ideas, understanding what gamers want, working with player actions, and more Offers techniques for creating non-human characters and using the camera as a character Shares helpful insight on the business of design and how to create design documents So, put your game face on and start creating memorable, creative, and unique video games with this book! **Parallel and Distributed Simulation Systems** [Wiley-Interscience](#) A state-of-the-art guide for the implementation of distributed simulation technology. The rapid expansion of the Internet and commodity parallel computers has made parallel and distributed simulation (PADS) a hot technology indeed. Applications abound not only in the analysis of complex systems such as transportation or the next-generation Internet, but also in computer-generated virtual worlds for military and professional training, interactive computer games, and the entertainment industry. In this book, PADS expert Richard M. Fujimoto provides software developers with cutting-edge techniques for speeding up the execution of simulations across multiple processors and dealing with data distribution over wide area networks ,including the Internet. With an emphasis on parallel and distributed discrete event simulation technologies, Dr. Fujimoto compiles and consolidates research results in the field spanning the last twenty years, discussing the use of parallel and distributed computers in both the modeling and analysis of system behavior and the creation of distributed virtual environments. While other books on PADS concentrate on applications, *Parallel and Distributed Simulation Systems* clearly shows how to implement the technology. It explains in detail the synchronization algorithms needed to properly realize the simulations, including an in-depth discussion of time warp and advanced optimistic techniques. Finally, the book is richly supplemented with references, tables and illustrations, and examples of contemporary systems such as the Department of Defense's High Level Architecture (HLA), which has become the standard architecture for defense programs in the United States. **The Cambridge Paperback Guide to Literature in English** [Cambridge University Press](#) An A-Z work with concise entries on all aspects of literature in English. Consumer

Behavior [Pearson Education India](#) **An Introduction to Applied and Environmental Geophysics** [John Wiley & Sons](#) **An Introduction to Applied and Environmental Geophysics, 2nd Edition**, describes the rapidly developing field of near-surface geophysics. The book covers a range of applications including mineral, hydrocarbon and groundwater exploration, and emphasises the use of geophysics in civil engineering and in environmental investigations. Following on from the international popularity of the first edition, this new, revised, and much expanded edition contains additional case histories, and descriptions of geophysical techniques not previously included in such textbooks. The level of mathematics and physics is deliberately kept to a minimum but is described qualitatively within the text. Relevant mathematical expressions are separated into boxes to supplement the text. The book is profusely illustrated with many figures, photographs and line drawings, many never previously published. Key source literature is provided in an extensive reference section; a list of web addresses for key organisations is also given in an appendix as a valuable additional resource. Covers new techniques such as Magnetic Resonance Sounding, Controlled- Source EM, shear-wave seismic refraction, and airborne gravity and EM techniques Now includes radioactivity surveying and more discussions of down-hole geophysical methods; hydrographic and Sub-Bottom Profiling surveying; and Unexploded Ordnance detection Expanded to include more forensic, archaeological, glaciological, agricultural and bio-geophysical applications Includes more information on physio-chemical properties of geological, engineering and environmental materials Takes a fully global approach Companion website with additional resources available at www.wiley.com/go/reynolds/introduction2e Accessible core textbook for undergraduates as well as an ideal reference for industry professionals The second edition is ideal for students wanting a broad introduction to the subject and is also designed for practising civil and geotechnical engineers, geologists, archaeologists and environmental scientists who need an overview of modern geophysical methods relevant to their discipline. While the first edition was the first textbook to provide such a comprehensive coverage of environmental geophysics, the second edition is even more far ranging in terms of techniques, applications and case histories.

Projection Displays [John Wiley & Sons Incorporated](#) Projection is a technology for generating large, high resolution images at a price point end users can afford. This allows it to be used in a wide variety of large-screen markets such as television and cinema. In addition, there are emerging small screen markets where a pocketable miniaturized projector can display images from mobile information devices such as smart phones or portable media players. Fully revised, this second edition of Projection Displays provides up-to-date coverage of the optical and mechanical systems in electronic projection displays. It takes into account major new developments in the many technologies needed to manufacture a projector display system. It presents a comprehensive review of projector architectures, systems, components and devices. Key new and updated features include: new material on light sources for projection displays; updated information on the human factors of projection displays including color gamuts, resolution and speckle; coverage of new image generating systems including LCOS and scanned laser systems; up to date information on front and rear projection screens; practical examples of projection display applications; models for predicting the performance of optical and mechanical systems This book is aimed at practicing engineers and researchers involved in the research, development, design and manufacture of projection displays. It includes key aspects from the many technologies contributing to projection systems such as illumination sources, optical design, electronics, semiconductor design, microdisplay systems and mechanical engineering. The book will also be of interest to graduate students taking courses in display technology and imaging science, as well as students of the many other engineering, physics and optics disciplines that lead into the field of projection displays. The Society for Information Display (SID) is an international society, which has the aim of encouraging the development of all aspects of the field of information display. Complementary to the aims of the society, the Wiley-SID series is intended to explain the latest developments in information display technology at a professional level. The broad scope of the series addresses all facets of information displays from technical aspects through systems and prototypes to standards and ergonomics

The Definitive Handbook of Business Continuity Management [John Wiley & Sons](#) With a pedigree going back over ten years, The Definitive Handbook of Business Continuity Management can rightly claim to be a classic guide to business risk management and contingency planning, with a style that makes it accessible to all business managers. Some of the original underlying principles remain the same - but much has changed. This is reflected in this radically updated third edition, with exciting and helpful new content from new and innovative contributors and new case studies bringing the book right up to the minute. This book combines over 500 years of experience from leading Business Continuity experts of many countries. It is presented in an easy-to-follow format, explaining in detail the core BC activities incorporated in BS 25999, Business Continuity Guidelines, BS 25777 IT Disaster Recovery and other standards and in the body of knowledge common to the key business continuity institutes. Contributors from America, Asia Pacific, Europe, China, India and the Middle East provide a truly global perspective, bringing their own insights and approaches to the subject, sharing best practice from the four corners of the world. We explore and summarize the latest legislation, guidelines and standards impacting BC planning and management and explain their impact. The structured format, with many revealing case studies, examples and checklists, provides a clear roadmap, simplifying and demystifying business continuity processes for those new to its disciplines and providing a benchmark of current best practice for those more experienced practitioners. This book makes a massive contribution to the knowledge base of BC and risk management. It is essential reading for all business continuity, risk managers and auditors: none should be without it.

Conference of the Birds The Story of Peter Brook in Africa [Psychology Press](#) The now legendary journey began in December, 1972, and lasted a hundred days. It was without precedent in the history of theater. Brook and his international troupe of actors left their base in Paris and disappeared into the heart of the Sahara desert. From there, they began their astonishing journey in search of the miraculous that took them 8,500 miles through the remote villages of Africa until the exhausted expedition came full circle, ending in the desert where it began. Part theater expedition and experiment, part spiritual search and comedy of errors, Brook's adventure was in essence a search for a new beginning and a completely new form of theater. The

actors performed at each village they came to improvising before stunned villagers with whom they shared no common language. The outcome was to have far-reaching implications for the future of theater and a seminal impact on all of Brook's groundbreaking work thereafter - from his ninety-minute Carmen to his seven-hour epic, The Mahabharata. This classic book is the most penetrating account written about the ideas and personality of the man described as the world's greatest theater director. Elizabeth the Queen [Random House \(UK\)](#) In her highly praised The Six Wives of Henry VIII and its sequel, Children of England, Alison Weir examined the private lives of the early Tudor kings and queens, and chronicled the childhood and youth of Elizabeth I. This book begins as the young Elizabeth ascends the throne in the wake of her sister Mary's disastrous reign. Elizabeth is portrayed as both a woman and a queen, an extraordinary phenomenon in a patriarchal age. Alison Weir writes of Elizabeth's intriguing, long-standing affair with Robert Dudley, Earl of Leicester; of her dealings — sometimes comical, sometimes poignant — with her many suitors; of her rivalry with Mary, Queen of Scots; and of her bizarre relationship with the Earl of Essex, thirty years her junior. Rich in detail, vivid and colourful, this book comes as close as we shall ever get to knowing what Elizabeth I was like as a person. From the Trade Paperback edition. The Horse 30,000 Years of the Horse in Art [Merrell Pub Limited](#) This illustrated history of the horse in art, written by a specialist in both art and horsemanship, documents the creative journey from prehistoric cave painting to the formidable war horses of Paolo Uccello, the Thoroughbred portraits of George Stubbs, the sensitive, enigmatic prints of Elisabeth Frink and beyond. This comprehensive study combines the history of the horse in art and culture with the story of equine evolution from the stocky primitive to today's elegant Thoroughbred. It offers a compelling read for both horse lovers and anyone interested in equine art. Russian Spacesuits [Springer Science & Business Media](#) This is the very first 'inside story' of a key part of the Soviet manned space programme, detailing the development of Soviet/Russian spacesuits. The authors, as participants in the programme, provide details of events, previously unknown in the West, including their technical development. These space suits were an important part of the many Soviet firsts in the space race - Yuri Gagarin's flight, Valentina Tereskova, the first woman in space, the first space walk by Alexei Leonov, and the first transfer on orbit from one spacecraft to another. All previous books on Soviet manned space flights focus on the spacecraft and cosmonaut teams. This book provides a total overview of the successful Soviet/Russian development of space suits and subsequent space walks from Vostok to MIR and ISS. Differential Geometry [Wiley-Interscience](#) This classic work is now available in an unabridged paperback edition. Stoker makes this fertile branch of mathematics accessible to the nonspecialist by the use of three different notations: vector algebra and calculus, tensor calculus, and the notation devised by Cartan, which employs invariant differential forms as elements in an algebra due to Grassman, combined with an operation called exterior differentiation. Assumed are a passing acquaintance with linear algebra and the basic elements of analysis. Grant Writing For Dummies [John Wiley & Sons](#) Grant Writing For Dummies, 3rd Edition serves as a one-stop reference for readers who are new to the grant writing process or who have applied for grants in the past but had difficulties. It offers 25 percent new and revised material covering the latest changes to the grant writing process as well as a listing of where to apply for grants. Grant writers will find: The latest language, terms, and phrases to use on the job or in proposals. Ways to target the best websites to upload and download the latest and user-friendly application forms and writing guidelines. Major expansion on the peer review process and how it helps improve one's grant writing skills and successes. One-stop funding websites, and state agencies that publish grant funding opportunity announcements for seekers who struggle to find opportunities. New to third edition. Kantian Humility Our Ignorance of Things in Themselves [Oxford University Press](#) Rae Langton offers a new interpretation and defence of Kant's doctrine of things in themselves, arguing that his claim that we have no knowledge of things in themselves is not idealism, but epistemic humility: we have no knowledge of the intrinsic properties of substances. Stories for the Third Ear [W W Norton & Company Incorporated](#) This book includes a step-by-step preparation for clients' receptivity to the stories, describing how rapport can be established and resistance lowered during the initial sessions of hypnotherapy. Then the stories are set within their original clinical context, so that we can comprehend their powerful impact on the course of therapy. Globalization A Basic Text [John Wiley & Sons](#) Updated to reflect recent global developments, the second edition of Globalization: A Basic Text presents an up-to-date introduction to major trends and topics relating to globalization studies. Features updates and revisions in its accessible introduction to key theories and major topics in globalization Includes an enhanced emphasis on issues relating to global governance, emerging technology, global flows of people, human trafficking, global justice movements, and global environmental sustainability Utilizes a unique set of metaphors to introduce and explain the highly complex nature of globalization in an engaging and understandable manner Offers an interdisciplinary approach to globalization by drawing from fields that include sociology, global political economy, political science, international relations, geography, and anthropology Written by an internationally recognized and experienced author team Out of Shadows [Random House](#) In 1983, at an elite boys' boarding school in Zimbabwe, thirteen-year-old English lad Robert Jacklin finds himself torn between his black roommate and the white bullies still bitter over losing power through the recent civil war. The Furies [Doubleday Books](#) Under the watchful eye of the family matriarch, Rosebel, Rosabel's daughters--poor, beautiful Fran and her selfish sister, Jean--and granddaughter, Helen, struggle to achieve their own aspirations and satisfy the expectations of Rosabel. 25,000 first printing. The Miracle Game [W. W. Norton & Company](#) The witness in 1948 to a baffling event labled by Catholic townspeople as a miracle and by the Communist Party as a fraud, cynical Czech Danny Smiricky finds himself drawn into an investigation of the event twenty years later during the 1968 Prague Spring Ah Pook is Here, and Other Texts [Calder Publications Limited](#) Matthew Arnold A Critical Portrait [Oxford University Press on Demand](#) Matthew Arnold (1822-88), the leading man-of-letters of the Victorian age, has been the decisive influence on modern thinking about literature and criticism and his work has become an inescapable cultural reference point today. In this stylish and entertaining book Stefan Collini examines the whole range of Arnold's literary, social, and religious criticism as well as his poetry, placing them in the context of the major intellectual controversies of the nineteenth century. By attending to the

distinctive power of Arnold's writing to charm, tease, persuade, and irritate, the book provides a brilliant characterization of the tone and temper of his mind. This edition includes a substantial Afterword which reflects on Arnold's continuing polemical significance and his role in contemporary cultural debate. A Companion to the History of the Book [John Wiley & Sons](#) **A COMPANION TO THE HISTORY OF THE BOOK** Edited by Simon Eliot and Jonathan Rose "As a stimulating overview of the multidimensional present state of the field, the Companion has no peer." Choice "If you want to understand how cultures come into being, endure, and change, then you need to come to terms with the rich and often surprising history Of the book ... Eliot and Rose have done a fine job. Their volume can be heartily recommended. " Adrian Johns, *Technology and Culture* From the early Sumerian clay tablet through to the emergence of the electronic text, this Companion provides a continuous and coherent account of the history of the book. A team of expert contributors draws on the latest research in order to offer a cogent, transcontinental narrative. Many of them use illustrative examples and case studies of well-known texts, conveying the excitement surrounding this rapidly developing field. The Companion is organized around four distinct approaches to the history of the book. First, it introduces the variety of methods used by book historians and allied specialists, from the long-established discipline of bibliography to newer IT-based approaches. Next, it provides a broad chronological survey of the forms and content of texts. The third section situates the book in the context of text culture as a whole, while the final section addresses broader issues, such as literacy, copyright, and the future of the book. Contributors to this volume: Michael Albin, Martin Andrews, Rob Banham, Megan L Benton, Michelle P. Brown, Marie-Francoise Cachin, Hortensia Calvo, Charles Chadwyck-Healey, M. T. Clanchy, Stephen Colclough, Patricia Crain, J. S. Edgren, Simon Eliot, John Feather, David Finkelstein, David Greetham, Robert A. Gross, Deana Heath, Lotte Hellinga, T. H. Howard-Hill, Peter Kornicki, Beth Luey, Paul Luna, Russell L. Martin III, Jean-Yves Mollier, Angus Phillips, Eleanor Robson, Cornelia Roemer, Jonathan Rose, Emile G. L Schrijver, David J. Shaw, Graham Shaw, Claire Squires, Rietje van Vliet, James Wald, Rowan Watson, Alexis Weedon, Adriaan van der Weel, Wayne A. Wiegand, Eva Hemmungs Wirtén.

Principles of Microwave Ferrite Engineering [John Wiley & Sons](#) **The Life of Jane Austen** Baltimore, Md. : [Johns Hopkins University Press](#) Featuring a new preface by the author, this paperback edition of John Halperin's acclaimed and controversial biography moves beyond the usually vague account of Austen's life and away from the serene and untroubled image of Austen created by a protective **Viscoelastic Properties of Polymers** [John Wiley & Sons](#) Viscoelastic behavior reflects the combined viscous and elastic responses, under mechanical stress, of materials which are intermediate between liquids and solids in character. Polymers the basic materials of the rubber and plastic industries and important to the textile, petroleum, automobile, paper, and pharmaceutical industries as well exhibit viscoelasticity to a pronounced degree. Their viscoelastic properties determine the mechanical performance of the final products of these industries, and also the success of processing methods at intermediate stages of production. **Viscoelastic Properties of Polymers** examines, in detail, the effects of the many variables on which the basic viscoelastic properties depend. These include temperature, pressure, and time; polymer chemical composition, molecular weight and weight distribution, branching and crystallinity; dilution with solvents or plasticizers; and mixture with other materials to form composite systems. With guidance by molecular theory, the dependence of viscoelastic properties on these variables can be simplified by introducing certain ancillary concepts such as the fractional free volume, the monomeric friction coefficient, and the spacing between entanglement loci, to provide a qualitative understanding and in many cases a quantitative prediction of how to achieve desired results. The phenomenological theory of viscoelasticity which permits interrelation of the results of different types of experiments is presented first, with many useful approximation procedures for calculations given. A wide variety of experimental methods is then described, with critical evaluation of their applicability to polymeric materials of different consistencies and in different regions of the time scale (or, for oscillating deformations, the frequency scale). A review of the present state of molecular theory follows, so that viscoelasticity can be related to the motions of flexible polymer molecules and their entanglements and network junctions. The dependence of viscoelastic properties on temperature and pressure, and its descriptions using reduced variables, are discussed in detail. Several chapters are then devoted to the dependence of viscoelastic properties on chemical composition, molecular weight, presence of diluents, and other features, for several characteristic classes of polymer materials. Finally, a few examples are given to illustrate the many potential applications of these principles to practical problems in the processing and use of rubbers, plastics, and fibers, and in the control of vibration and noise. The third edition has been brought up to date to reflect the important developments, in a decade of exceptionally active research, which have led to a wider use of polymers, and a wider recognition of the importance and range of application of viscoelastic properties. Additional data have been incorporated, and the book's chapters on dilute solutions, theory of undiluted polymers, plateau and terminal zones, cross-linked polymers, and concentrated solutions have been extensively rewritten to take into account new theories and new experimental results. Technical managers and research workers in the wide range of industries in which polymers play an important role will find that the book provides basic information for practical applications, and graduate students in chemistry and engineering will find, in its illustrations with real data and real numbers, an accessible introduction to the principles of viscoelasticity. **Seeing Voices A Journey Into the World of the Deaf** [Univ of California Press](#) A neurologist investigates the world of the deaf, examining their past and present treatment at the hands of society, and assesses the value and significance of sign language. **Little, Big** [Hachette UK](#) Edgewood is many houses, all put inside each other, or across each other. It's filled with and surrounded by mystery and enchantment: the further in you go, the bigger it gets. Smoky Barnable, who has fallen in love with Daily Alice Drinkwater, comes to Edgewood, her family home, where he finds himself drawn into a world of magical strangeness. Crowley's work has a special alchemy - mixing the world we know with an imagined world which seems more true and real. Winner of the WORLD FANTASY AWARD, LITTLE, BIG is eloquent, sensual, funny and unforgettable, a true Fantasy Masterwork. Winner of the WORLD FANTASY AWARD FOR BEST NOVEL, 1982. **Systematics A Course of Lectures** [John](#)

Wiley & Sons Systematics: A Course of Lectures is designed for use in an advanced undergraduate or introductory graduate level course in systematics and is meant to present core systematic concepts and literature. The book covers topics such as the history of systematic thinking and fundamental concepts in the field including species concepts, homology, and hypothesis testing. Analytical methods are covered in detail with chapters devoted to sequence alignment, optimality criteria, and methods such as distance, parsimony, maximum likelihood and Bayesian approaches. Trees and tree searching, consensus and super-tree methods, support measures, and other relevant topics are each covered in their own sections. The work is not a bleeding-edge statement or in-depth review of the entirety of systematics, but covers the basics as broadly as could be handled in a one semester course. Most chapters are designed to be a single 1.5 hour class, with those on parsimony, likelihood, posterior probability, and tree searching two classes (2 x 1.5 hours).

Interpreting Television [Bloomsbury USA](#) Takes a radical approach that returns to the currently under-explored textual aspects of television.

Ideology and Curriculum [Psychology Press](#) **When Ideology and Curriculum** was first published in 1979 it was quickly established as a path breaking statement on the relationship between cultural and economic power in education. It has been translated into many languages including Chinese, Japanese, Korean, Spanish, Portuguese, and Greek, and it has had a profound impact on the debates about education and democracy in many nations. Most recently, it has been named one of the 20 most influential volumes in the history of western education.

Scripture Politics [Ulster Presbyterians and Irish Radicalism in the Late Eighteenth Century](#) [Oxford University Press](#) **Scripture Politics** examines the central role played by Ulster Presbyterians in the birth of Irish republicanism. Drawing on recent trends in British and American historiography, as well as a wide range of Irish primary sources, Ian McBride charts the development of Presbyterian politics between the War of American Independence and the rebellion of 1798. McBride begins by tracing the emergence of a radical sub-culture in the north of Ireland, showing how traditions of religious dissent underpinned oppositional politics. He goes on to explore the impact of American independence in Ulster, and shows how the mobilization of the Volunteers and therefore agitation of the 1780s anticipated the ideology and organization of the United Irish movement. He describes how, in the wake of the French Revolution, Ulster Presbyterians sought to create a new Irish nation in their own image, and reveals the confessional allegiances which shaped the 1798 rebellion. Above all, this innovative and original book uncovers the close relationship between theological disputes and political theory, recreating a distinctive intellectual tradition whose contribution to republican thought has often been misunderstood. _