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THE UNIVERSITY OF CHICAGO PRESS

Dr. Eleanor's Book of Common Spiders

Chris Topher M. Buddle and Eleanor Spicer Rice

Spiders have a problem, and it's us. Despite their magnificent talents for crafting webs, capturing mosquitoes, and camouflage, for millennia arachnophobia has hampered our ability to appreciate these eight-legged and -eyed marvels.

No longer! In this witty, accessible, and beautifully illustrated guide, *Christopher M. Buddle* and *Eleanor Spicer Rice* metamorphose creepy-crawly revulsion into spider wonder. Emerging from ambitious citizen science project *Your Wild Life* (an initiative based at North Carolina State University), **Dr. Eleanor's Book of Common Spiders** provides an eye-opening arachnological overview of the natural history of species most noted by project participants, showcasing some of the fascinating spiders found in our attics and tents, front lawns and forests—and even introducing us to spiders that fish. Exploring species from the tiny (but gymnastic) zebra jumping spider to the naturally shy and woefully misunderstood black widow, this guide will be a tremendous resource for teachers, students, and scientists alike. But more than this, it will transform the way we perceive the environment around us by deepening our understanding of its littlest inhabitants, inspiring all of us to find our inner naturalist, get outside, and crawl across the dirt—magnifying glass in hand.

Christopher M. Buddle is associate professor in the Department of Natural Resource Science at McGill University, where he studies the biodiversity of spiders and insects.

Eleanor Spicer Rice (www.verdantword.com) is an entomologist and writer

June 2017 80pp PB Price: \$ 20.00

Write No Matter What Advice For Academics

Joli Jensen

Chicago Guides to Writing, Editing, and Publishing

With growing academic responsibilities, family commitments, and inboxes, scholars are struggling to fulfill their writing goals. A finished book—or even steady journal articles—may seem like an impossible dream. But, as *Joli Jensen* proves, it really is possible to write happily and productively in academe.

Jensen begins by busting the myth that universities are supportive writing environments. She points out that academia, an arena dedicated to scholarship, offers pressures that actually prevent scholarly writing. She shows how to acknowledge these less-than-ideal conditions, and how to keep these circumstances from draining writing time and energy. *Jensen* introduces tools and techniques that encourage frequent, low-stress writing. She points out common ways writers stall and offers workarounds that maintain productivity. Her focus is not on content, but on how to overcome whatever stands in the way of academic writing.

Write No Matter What draws on popular and scholarly

Good Offices Committee (Of FBPAI) Conversion rates for Books and Journals, effective 1st June 2017



British Pound Sterling @ ₹.86.40 U S Dollar @ ₹.66.60 Euro @ ₹. 74.00

Cloud Computing for Machine Learning and Cognitive Applications

Kai Hwang

This is the first textbook to teach students how to build data analytic solutions on large data sets (specifically in Internet of Things applications) using cloud-based technologies for data storage, transmission and mashup, and AI techniques to analyze this data.

This textbook is designed to train college students to master modern cloud computing systems in operating principles, architecture design, machine learning algorithms, programming models and software tools for big data mining, analytics, and cognitive applications. The book will be suitable for use in one-semester computer science or electrical engineering courses on cloud computing, machine learning, cloud programming, cognitive computing, or big data science. The book will also be very useful as a reference for professionals who want to work in cloud computing and data science.

Cloud and Cognitive Computing begins with two introductory chapters on fundamentals of cloud computing, data science, and adaptive computing that lay the foundation for the rest of the book. Subsequent chapters cover topics including cloud architecture, mashup services, virtual machines, Docker containers, mobile clouds, IoT and AI, inter-cloud mashups, and cloud performance and benchmarks, with a focus on Google's Brain Project, DeepMind, and X-Lab programs, IBKai HwangM SyNapse, Bluemix programs, cognitive initiatives, and neurocomputers. The book then covers machine learning algorithms and cloud programming software tools and application development, applying the tools in machine learning, social media, deep learning, and cognitive applications. All cloud systems are

insights into the writing process and stems from *Jensen's* experience designing and directing a faculty writing program. With more than three decades as an academic writer, *Jensen* knows what really helps and hinders the scholarly writing process for scholars in the humanities, social sciences, and sciences.

Cut down the academic sword of Damocles, *Jensen* advises. Learn how to write often and effectively, without pressure or shame. With her encouragement, writers of all levels will find ways to create the writing support they need and deserve.

Joli Jensen is the Hazel Rogers Professor of Communication at the University of Tulsa, where she founded and directs the Henneke Faculty Writing Program. She is the author of *Is Art Good For Us? Beliefs about High Culture in American Life*; *The Nashville Sound: Authenticity and Commercialization in Country Music*; and *Redeeming Modernity: Contradictions in Media Criticism*.

May 2017 192pp PB **Price: \$15.00**
HB **Price: \$45.00**

The Evolution of Imagination

Stephen T. Asma

Consider Miles Davis, horn held high, sculpting a powerful musical statement full of tonal patterns, inside jokes, and thrilling climactic phrases—all on the fly. Or think of a comedy troupe riffing on a couple of cues from the audience until the whole room is erupting with laughter. Or maybe it's a team of software engineers brainstorming their way to the next Google, or the Einsteins of the world code-cracking the mysteries of nature. Maybe it's simply a child playing with her toys. What do all of these activities share? With wisdom, humor, and joy, philosopher *Stephen T. Asma* answers that question in this book: imagination. And from there he takes us on an extraordinary tour of the human creative spirit.

Guided by neuroscience, animal behavior, evolution, philosophy, and

psychology, *Asma* burrows deep into the human psyche to look right at the enigmatic but powerful engine that is our improvisational creativity—the source, he argues, of our remarkable imaginal capacity. How is it, he asks, that a story can evoke a whole world inside of us? How are we able to rehearse a skill, a speech, or even an entire scenario simply by thinking about it? How does creativity go beyond experience and help us make something completely new? And how does our moral imagination help us sculpt a better society? As he shows, we live in a world that is only partly happening in reality. Huge swaths of our cognitive experiences are made up by “what-ifs,” “almosts,” and “maybes,” an imagined terrain that churns out one of the most overlooked but necessary resources for our flourishing: possibilities. Considering everything from how imagination works in our physical bodies to the ways we make images, from the mechanics of language and our ability to tell stories to the creative composition of self-consciousness, *Asma* expands our personal and day-to-day forms of imagination into a grand scale: as one of the decisive evolutionary forces that has guided human development from the Paleolithic era to today. The result is an inspiring look at the rich relationships among improvisation, imagination, and culture, and a privileged glimpse into the unique nature of our evolved minds.

Stephen T. Asma is Distinguished Scholar and professor of philosophy in the Department of Humanities as well as Fellow of the Research Group in Mind, Science, and Culture at Columbia College Chicago. He is the author of several books, including *Against Fairness*, also published by University of Chicago Press.

June 2017 320pp HB **Price: \$30.00**

Quote

“Learn from yesterday, live for today, hope for tomorrow. The important thing is not to stop questioning”

- Albert Einstein

illustrated with big data and cognitive application examples.

Kai Hwang is a Professor of Electrical Engineering and Computer Science at the University of Southern California (USC). **Cloud and Cognitive Computing** is based on his Cloud Computing course.

June 2017 624pp HB Price: \$.110.00

The Chinese Typewriter A History

Thomas S. Mullaney

Chinese writing is character based, the one major world script that is neither alphabetic nor syllabic. Through the years, the Chinese written language encountered presumed alphabetic universalism in the form of Morse Code, Braille, stenography, Linotype, punch cards, word processing, and other systems developed with the Latin alphabet in mind. This book is about those encounters—in particular thousands of Chinese characters versus the typewriter and its QWERTY keyboard. *Thomas Mullaney* describes a fascinating series of experiments, prototypes, failures, and successes in the century-long quest for a workable Chinese typewriter.

The earliest Chinese typewriters, *Mullaney* tells us, were figments of popular imagination, sensational accounts of twelve-foot keyboards with 5,000 keys. One of the first Chinese typewriters actually constructed was invented by a Christian missionary, who organized characters by common usage (but promoted the less-common characters for “Jesus” to the common usage level). Later came typewriters manufactured for use in Chinese offices, and typewriting schools that turned out trained “typewriter girls” and “typewriter boys.” Still later was the “Double Pigeon” typewriter produced by the Shanghai Calculator and Typewriter Factory, the typewriter of choice under Mao. Clerks and secretaries in this era experimented with alternative ways of organizing characters on their tray beds, inventing

an input method that was the first instance of “predictive text.”

Today, after more than a century of resistance against the alphabetic, not only have Chinese characters prevailed, they form the linguistic substrate of the vibrant world of Chinese information technology. The Chinese Typewriter, not just an “object history” but grappling with broad questions of technological change and global communication, shows how this happened.

Thomas S. Mullaney is Associate Professor of History at Stanford University and the author of *Coming to Terms with the Nation: Ethnic Classification in Modern China*.

July 2017 504pp HB Price: \$. 34.95

For Fun and Profit A History of the Free and Open Source Software Revolution

Christopher Tozzi

Foreword by Jonathan Zittrain

In the 1980s, there was a revolution with far-reaching consequences—a revolution to restore software freedom. In the early 1980s, after decades of making source code available with programs, most programmers ceased sharing code freely. A band of revolutionaries, self-described “hackers,” challenged this new norm by building operating systems with source code that could be freely shared. In **For Fun and Profit**, *Christopher Tozzi* offers an account of the free and open source software (FOSS) revolution, from its origins as an obscure, marginal effort by a small group of programmers to the widespread commercial use of open source software today. *Tozzi* explains FOSS’s historical trajectory, shaped by eccentric personalities—including Richard Stallman and Linus Torvalds—and driven both by ideology and pragmatism, by fun and profit.

Tozzi examines hacker culture and its influence on the Unix operating system, the reaction to Unix’s commercialization, and the history of

early Linux development. He describes the commercial boom that followed, when companies invested billions of dollars in products using FOSS operating systems; the subsequent tensions within the FOSS movement; and the battles with closed source software companies (especially Microsoft) that saw FOSS as a threat. Finally, *Tozzi* describes FOSS’s current dominance in embedded computing, mobile devices, and the cloud, as well as its cultural and intellectual influence.

Christopher Tozzi is Assistant Professor of History at Howard University and a freelance writer. He is the author of *Nationalizing France’s Army: Foreign, Black, and Jewish Troops in the French Military, 1715–1831*.

July 2017 336pp HB Price: \$. 30.00

Laugh...!



Patient: Doctor! You’ve got to help me! Nobody ever listens to me. No one ever pays any attention to what I have to say.

Doctor: Next please!

* * *

Patient: Doctor, You Must Help Me. I Keep Losing My Temper with people.

Doctor: Tell Me About Your Problem.

Patient: I Just Did, You Stupid....

* * *

Doctor to a rich man: Do you prefer a local anesthesia?

Rich man: I would rather prefer an imported one.

* * *

Patient: What is the cost of plastic surgery?

Doctor: It is near about 10,000\$.

Patient: Well, what if we arrange the plastic?

* * *

Doctor: Liquor is a slow poison for you.

Patient: It’s all-right. I’m not in a hurry.

* * *



Princeton University Press

The Koran in English: A Biography

Bruce B. Lawrence

For millions of Muslims, the Qur'an is sacred only in Arabic, the original Arabic in which it was revealed to the Prophet Muhammad in the seventh century; to many Arab and non-Arab believers alike, the book literally defies translation. Yet English translations exist and are growing, in both number and importance. *Bruce Lawrence* tells the remarkable story of the ongoing struggle to render the Qur'an's lyrical verses into English—and to make English itself an Islamic language.

The "Koran" in English revisits the life of Muhammad and the origins of the Qur'an before recounting the first translation of the book into Latin by a non-Muslim: Robert of Ketton's twelfth-century version paved the way for later ones in German and French, but it was not until the eighteenth century that George Sale's influential English version appeared. *Lawrence* explains how many of these early translations, while part of a Christian agenda to "know the enemy," often revealed grudging respect for their Abrahamic rival. British expansion in the modern era produced an anomaly: fresh English translations—from the original Arabic—not by Arabs or non-Muslims but by South Asian Muslim scholars.

The first book to explore the complexities of this translation saga, The "Koran" in English also looks at cyber Korans, versions by feminist translators, and now a graphic Koran, the American Qur'an created by the acclaimed visual artist Sandow Birk.

Bruce B. Lawrence is the Nancy and Jeffrey Marcus Humanities Professor Emeritus of Religion at Duke University. His many books include *Who Is Allah?; New Faiths, Old Fears: Muslims and Other Asian Immigrants in American*

Religious Life; and Shattering the Myth: Islam beyond Violence (Princeton).

June 2017 264pp HB Price: \$ 26.95

An Introduction to X-Ray Physics, Optics, and Applications

Carolyn A. MacDonald

In this book, **Carolyn A. MacDonald** provides a comprehensive introduction to the physics of a wide range of x-ray applications, optics, and analysis tools. Theory is applied to practical considerations of optics and applications ranging from astronomy to medical imaging and materials analysis.

Emphasizing common physical concepts that underpin diverse phenomena and applications of x-ray physics, the book opens with a look at nuclear medicine, motivating further investigations into scattering, detection, and noise statistics. The second section explores topics in x-ray generation, including characteristic emission, x-ray fluorescence analysis, bremsstrahlung emission, and synchrotron and laser sources. The third section details the main forms of interaction, including the physics of photoelectric absorption, coherent and Compton scattering, diffraction, and refractive, reflective, and diffractive optics. Applications in this section include x-ray spectroscopy, crystallography, and dose and contrast in radiography. A bibliography is included at the end of every chapter, and solutions to chapter problems are provided in the appendix.

Based on a course for advanced undergraduates and graduate students in physics and related sciences and also intended for researchers, An Introduction to X-Ray Physics, Optics, and Applications offers a thorough survey of the physics of x-ray generation and of interaction with materials.

Common aspects of diverse phenomena emphasized

• Theoretical development tied to practical applications. • Suitable for advanced undergraduate and graduate students in physics or related sciences, as well as researchers • Examples and problems include applications drawn from medicine, astronomy, and materials analysis • Detailed solutions are provided for all examples and problems

Carolyn A. MacDonald is professor and former chair of physics at the University at Albany and the director of the Ualbany Center for X-ray Optics. She is an associate editor of the *Handbook of Optics*.

June 2017 368pp HB Price: \$ 80.00



<http://www.getnotify.com/>

This nifty little website tracks whether the emails sent by you were opened and read by the receiver. Moreover, it also provides the recipient's IP Address, location, browser details, and more.

<https://www.memrise.com/>

Do you fancy learning new things in small byte sized packages? If yes, then Memrise is for you. The additive nature of gaming combined with memory improvement makes this an excellent resource.



UNIVERSITY OF CALIFORNIA PRESS

A Moment's Monument Medardo Rosso and the International Origins of Modern Sculpture

Sharon Hecker

Medardo Rosso (1858–1928) is one of the most original and influential figures in the history of modern art, and this book is the first historically

substantiated critical account of his life and work. An innovative sculptor, photographer, and draftsman, Rosso was vital in paving the way for the transition from the academic forms of sculpture that persisted in the nineteenth century to the development of new and experimental forms in the twentieth. His antimonumental, antiheroic work reflected alienation in the modern experience yet showed deep feeling for interactions between self and other. Rosso's art was transnational: he refused allegiance to a single culture or artistic heritage and declared himself both a citizen of the world and a maker of art without national limits. In this book, *Sharon Hecker* develops a narrative that is an alternative to the dominant Franco-centered perspective on the origin of modern sculpture in which Rodin plays the role of lone heroic innovator. Offering an original way to comprehend Rosso, **A Moment's Monument** negotiates the competing cultural imperatives of nationalism and internationalism that shaped the European art world at the fin de siècle.

Sharon Hecker is an art historian specializing in Italian modern and contemporary art. Based in Los Angeles and Milan, she is a leading authority on Medardo Rosso and has published extensively on Lucio Fontana and Luciano Fabro. Her publications include *Medardo Rosso: Second Impressions*.

June 2017 328pp HB Price: \$ 65.00

Principles of Data Management and Presentation

John P. Hoffmann

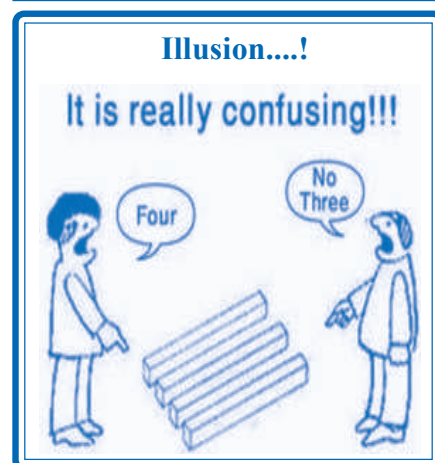
The world is saturated with data. We are regularly presented with data in words, tables, and graphics. Students from many academic fields are now expected to be educated about data in one form or another. Yet the typical sequence of courses—introductory statistics and research methods—does not provide sufficient information about how to focus in on a research question, how to access data and work with datasets, or how to present data to various audiences.

Principles of Data Management and Presentation addresses this gap. Assuming only that students have some familiarity with basic statistics and research methods, it provides a comprehensive set of principles for understanding and using data as part of a research project, including: • how to narrow a research topic to a specific research question • how to access and organize data that are useful for answering a research question • how to use software such as Stata, SPSS, and SAS to manage data • how to present data so that they convey a clear and effective message

A companion website includes material to enhance the learning experience—specifically statistical software code and the datasets used in the examples, in text format as well as Stata, SPSS, and SAS formats.

John P. Hoffmann is Professor of Sociology at Brigham Young University. Before arriving at BYU, he was a senior research scientist at the National Opinion Research Center (NORC), a nonprofit firm affiliated with the University of Chicago. He received a master's in Law and Justice from American University and a doctorate in Criminal Justice from SUNY–Albany. He also received a master's in Public Health with emphases in Epidemiology and Behavioral Sciences at Emory University. His research addresses drug use, juvenile delinquency, and the sociology of religion.

July 2017 288pp PB Price: \$ 34.95
HB Price : \$85.00



Columbia University Press

Venture Investing in Science

Douglas W. Jamison and Stephen R. Waite.

Over the past decade, software companies have increasingly monopolized the flow of venture capital, starving support for scientific research and its transformative discoveries. New medicines, cheaper and faster personal computers, and other life-changing developments all stem from investment in science. In the past, these funds led to steam engines, light bulbs, microprocessors, 3D printers, and even the Internet. In **Venture Investing in Science**, the venture capitalist *Douglas W. Jamison* and the investment author *Stephen R. Waite* directly link financial support to revolutionary advancements in physics, computers, chemistry, and biology and make a passionate case for continued investing in science to meet the global challenges of our time.

Clean air and water, cures for intractable diseases, greener public transportation, cheaper and faster communication technologies—these are some of the rich opportunities awaiting venture capital investment today. Jamison and Waite focus on how early-stage companies specializing in commercializing transformative technologies based on deep science have been shunned by venture capitalists, and how the development of such companies have been hampered by structural changes in capital markets and government regulation over the past decade. The authors argue that reinvigorating science-based technological innovation is crucial to reactivating the economic dynamism that lifts living standards and fuels prosperity over time.

Douglas W. Jamison is the chairman and CEO of HALE.life, a privately held precision health and medicine operating company in which Harris & Harris Group is an investor. Previously he was chairman and CEO of Harris &

Harris Group, a publicly traded company that makes early-stage venture capital investments in science-based companies.

Stephen R. Waite works as a strategic advisor and investment manager. He is the author of *Quantum Investing* (2003) and coauthor of *Boomernomics* (1998).

June 2017 304pp HB **Price: \$35.00**

Discovering Prices **Auction Design in Markets with** **Complex Constraints** *Paul Milgrom*

Traditional economic theory studies idealized markets in which prices alone can guide efficient allocation, with no need for central organization. Such models build from Adam Smith's famous concept of an invisible hand, which guides markets and renders regulation or interference largely unnecessary. Yet for many markets, prices alone are not enough to guide feasible and efficient outcomes, and regulation alone is not enough, either. Consider air traffic control at major airports. While prices could encourage airlines to take off and land at less congested times, prices alone do just part of the job; an air traffic control system is still indispensable to avoid disastrous consequences. With just an air traffic controller, however, limited resources can be wasted or poorly used. What's needed in this and many other real-world cases is an auction system that can effectively reveal prices while still maintaining enough direct control to ensure that complex constraints are satisfied.

In **Discovering Prices**, *Paul Milgrom*—the world's most frequently cited academic expert on auction design—describes how auctions can be used to discover prices and guide efficient resource allocations, even when resources are diverse, constraints are critical, and market-clearing prices may not even exist. Economists have long understood that externalities and market power both necessitate market organization. In this book, *Milgrom* introduces complex constraints as

another reason for market design. Both lively and technical, *Milgrom* roots his new theories in real-world examples (including the ambitious U.S. incentive auction of radio frequencies, whose design he led) and provides economists with crucial new tools for dealing with the world's growing complex resource allocation problems.

Paul Milgrom is the Shirley and Leonard Ely Professor of Humanities and Sciences in the Department of Economics at Stanford University. His books include *Putting Auction Theory to Work* (2004) and *Economics, Organization, and Management* (1992).

May 2017 248pp HB **Price: \$28.00**

Funny thoughts...!!!

I live on a one-way dead-end street. Makes sense ?

It doesn't matter what temperature a room is, it's always room temperature.

You're in a vehicle going the speed of light, what happens when you turn on the headlights?

Why is the man who invests all your money called a 'Broker'?

Can you daydream at night?

Why in a country of free speech, are there phone bills?



Expert Internet Searching, 5th edition

Phil Bradley

In an environment where increasing amounts of information (and fake news) flood the internet on websites and social media, the information professional's job is getting harder. It is important that they are skilled at finding and using the appropriate

information and assisting users in working out what information they need and the best way of getting it. **Expert Internet Searching** provides library and information professionals with in-depth practical information on how to search the internet quickly and effectively to help their users and make their lives easier.

Now fully revised for its fifth edition, this book covers the basics of search before going into detail on how to run advanced and complex searches using a variety of different search engines. This edition has been updated to include current trends in search, such as social media search, fake news, and discussion of the authority and validity of search results. It will ensure that information professionals, whether complete beginners or more experienced, are able to work efficiently to obtain accurate information in a timely fashion.

Key topics covered include: • an introduction to the internet and search engines • the Google experience and a discussion of its disadvantages • directory, clustering and similarity search engines • visual and image search engines • specialized search engines incorporating academic search and services for children • academic and other specialized search engines • news-based search engines including traditional media resources and a discussion of fake news • social media search engines • hints and tips on better searching.

This book will be useful reading for any information professional who is seeking to gain an in-depth understanding of the search process and the search industry. It provides a vital guide to the basics in search, but will also help experienced professionals stay up to date with the latest trends and information in the industry.

June 2017 288pp PB **Price: £. 59.95**

Valuing your Collection **A practical guide for museums,** **libraries and archives** *Freda Matassa*

This book will address the issues around valuing objects in cultural collections, ranging from high-value to low or no-value, including practical advice on how to assign values and examples from museums, libraries and archives.

The subject of valuation has always been challenging for museums and public collections and is becoming more urgent as monetary values of many items continue to break records.

There is an increase in lending and borrowing, meaning more loans which require a value for insurance, whilst recent government initiatives such as Lifetime Giving mean that donations to the nation need to have a monetary value for tax purposes.

At a time when loans and exhibitions are expanding to all corners of the world, while lenders are becoming more risk-averse, **Valuing your Collection** will address the issues and offer some solutions.

Content covered includes: • issues around the valuation of public collections • assigning values to individual objects and valuing an entire collection • valuation law and insurance examples from real life collections • guides to valuing different types of items.

Readership: Museum staff, cultural heritage students, librarians, archivists, private collectors and anyone who needs practical guidance on valuation.

July 2017 256pp PB **Price: .£. 54.95**

Yale University Press

One Hot Summer

Dickens, Darwin, Disraeli, and the Great Stink of 1858

Rosemary Ashton

While 1858 in London may have been noteworthy for its broiling summer

months and the related stench of the sewage-filled Thames River, the year is otherwise little remembered. And yet, historian *Rosemary Ashton* reveals in this compelling microhistory, 1858 was marked by significant, if unrecognized, turning points. For ordinary people, and also for the rich, famous, and powerful, the months from May to August turned out to be a summer of consequence.

Ashton mines Victorian letters and gossip, diaries, court records, newspapers, and other contemporary sources to uncover historically crucial moments in the lives of three protagonists—Charles Dickens, Charles Darwin, and Benjamin Disraeli. She also introduces others who gained renown in the headlines of the day, among them George Eliot, Karl Marx, William Thackeray, and Edward Bulwer Lytton. *Ashton* reveals invisible threads of connection among Londoners at every social level in 1858, bringing the celebrated city and its citizens vibrantly to life.

Rosemary Ashton is Emeritus Quain Professor of English Language and Literature, University College London. She is author of ten previous books and a fellow of the British Academy and of the Royal Society of Literature.

July 2017 352pp HB **Price: \$ 30.00**

The Great Partition
The Making of India and Pakistan
Yasmin Khan

The Partition of India in 1947 promised its people both political and religious freedom—through the liberation of India from British rule, and the creation of the Muslim state of Pakistan. Instead, the geographical divide brought displacement and death, and it benefited the few at the expense of the very many. Thousands of women were raped, at least one million people were killed, and ten to fifteen million were forced to leave their homes as refugees. One of the first events of decolonization in the twentieth century, Partition was also one of the most bloody.

In this book *Yasmin Khan* examines the context, execution, and aftermath of Partition, weaving together local politics and ordinary lives with the larger political forces at play. She exposes the widespread obliviousness to what Partition would entail in practice and how it would affect the populace. Drawing together fresh information from an array of sources, *Khan* underscores the catastrophic human cost and shows why the repercussions of Partition resound even now, some sixty years later. The book is an intelligent and timely analysis of Partition, the haste and recklessness with which it was completed, and the damaging legacy left in its wake.

Yasmin Khan is associate professor of history and Fellow of Kellogg College, University of Oxford, and author of *The Raj at War: A People's History of India's Second World War*.

July 2017 288pp PB **Price: \$ 18.00**

Idiom of the month....

ballpark figure....

Meaning

to be near about the exact (usually in amount) an estimate of what the actual figure will be like

Examples:

The management was given a ballpark figure at the very beginning of the presentation.

I save a ballpark figure of 20% from my salary every month as something for the rainy day.

Origin

The origin of this phrase comes from how a commentator would give an estimate of the number of audiences by just looking around. Speculated to have started in America through baseball but it is now a popular way of speaking throughout the world.



Calculation of The Saturated Hydraulic Conductivity of Fine-Grained Soils (65-17)

Prepared by the KSTAT Standards Committee of the Standards Development Council of the Environmental and Water Resources Institute of the American Society of Civil Engineers

Calculation of the Saturated Hydraulic Conductivity of Fine-Grained Soils is the fourth standard in a series that enhances the probabilistic characterization and understanding of the behavior of a key groundwater parameter, the saturated hydraulic conductivity.

Standard ANSI/ASCE/EWRI 65-17 provides guidelines for calculating saturated hydraulic conductivity (K_{sat}), permeability, and porosity of fine-grained soils. The calculation has four components: strain-stress data from a step-load test; one-dimensional vertical consolidation theory relating K_{sat} to the coefficient of consolidation; the relation between K_{sat} and permeability; and the relation between porosity and the void ratio of the soil.

This standard's methodology can be applied to refine or improve calculations of land subsidence, groundwater flow prediction, and transport of dissolved solutes moving in groundwater. The methodology in this standard is limited to fine-grained, compressible, inorganic soils. Highly organic soils (peat) exhibit anomalous primary and secondary consolidation and are out of scope of this standard.

Standard ASCE 65-17 will be useful to environmental engineers, water resources engineers, and anyone who uses hydraulics in engineering.

May 2017 48pp SC Price: \$ 70.00

Health Watch...

Types of Hunger That Could Make You Pile on the Pounds

It may come as a surprise to discover that there are seven types of hunger. But if you fail to recognize which type of hunger you may have, you are more likely to gain a few pounds. When a craving hits, determine where the source of your hunger is coming from, be it food or something else.

The trigger: A mouthwatering pizza What to do:

Ask yourself whether you'd be this excited to have an apple. If the answer is no, then you don't need food. If you're feeling a bit hungry, savor each bite and stop when you feel satisfied.

The trigger: The sweet smell of cinnamon rolls What to do:

If you are truly hungry, opt for a whole-grain alternative like toast with peanut butter and cinnamon.

The trigger: Sadness, anxiety, boredom or any other uncomfortable feeling What to do:

If you find yourself in the kitchen looking for something to eat, it's likely tied to emotions. Acknowledge what is bothering you and deal with that problem directly - try to take a few breaths instead.

The trigger: You crave something creamy, crunchy and cold What to do:

Certain textures can be psychologically satisfying even if you're not actually hungry. Understand the qualities you crave and keep your portions small and preferably low in calories. Greek yogurt, carrot sticks or frozen grapes should satisfy your craving.

The trigger: Time What to do:

It may be noon, but don't force yourself to eat if you don't feel hungry. Grab your meal only when you need it and eat until you feel full.

The trigger: Fatigue What to do:

Heavy foods are hard to digest and can leave you feeling more tired. Opt for a 15-minute nap instead. If you don't have enough time to do so, grab a high-protein snack (such as a handful of almonds) instead. That will boost your energy.

The trigger:

A gurgling belly What to do: Rate your hunger on a scale of 1 to 10. If it's 0 to 3, grab a snack. 4 to 6 a small meal, 7 to 10 fill your plate!

- Courtesy: World Wide Web