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Designed for experienced librarians, librarians new to the profession, and library school students, *Online Teaching and Learning: A Practical Guide for Librarians* provides a comprehensive framework that encompasses all aspects of planning, designing, creating, implementing, and assessing online learning for all types of libraries, including public, academic, special, and K-12. It also provides a valuable guide for teachers, administrators, and other educators.

Repositioning Educational Leadership Simon and Schuster

A 2022 PROSE Award finalist in Legal Studies and Criminology
A 2022 American Bar Association Silver Gavel Award Finalist
A Behavioral Scientist's Notable Book of 2021
Freakonomics for the law—how applying behavioral science to the law can fundamentally change and explain misbehavior
Why do most

Americans wear seatbelts but continue to speed even though speeding fines are higher? Why could park rangers reduce theft by removing “no stealing” signs? Why was a man who stole 3 golf clubs sentenced to 25 years in prison? Some laws radically change behavior whereas others are consistently ignored and routinely broken. And yet we keep relying on harsh punishment against crime despite its continued failure.

Professors Benjamin van Rooij and Adam Fine draw on decades of research to uncover the behavioral code: the root causes and hidden forces that drive human behavior and our responses to society's laws. In doing so, they present the first accessible analysis of behavioral jurisprudence, which will fundamentally alter how we understand the connection between law and human behavior. The Behavioral Code offers a necessary and different approach to battling crime and injustice that is based in understanding the science of human misconduct—rather than relying on our instinctual

drive to punish as a way to shape behavior. The book reveals the behavioral code's hidden role through illustrative examples like:

- The illusion of the US's beloved tax refund
- German walls that “pee back” at public urinals
- The \$1,000 monthly “good behavior” reward that reduced gun violence
- Uber's backdoor “Greyball” app that helped the company evade Seattle's taxi regulators
- A \$2.3 billion legal settlement against Pfizer that revealed how whistleblower protections fail to reduce corporate malfeasance
- A toxic organizational culture playing a core role in Volkswagen's emissions cheating scandal
- How Peter Thiel helped Hulk Hogan sue Gawker into oblivion

Revelatory and counterintuitive, *The Behavioral Code* catalyzes the conversation about how the law can effectively improve human conduct and respond to some of our most pressing issues today, from police misconduct to corporate malfeasance.

Graduate Programs in Business, Education,

Information Studies, Law & Social Work 2015 (Grad 6) Computational

Bioengineering
 Arguably the first book of its kind, Computational Bioengineering explores the power of multidisciplinary computer modeling in bioengineering. Written by experts, the book examines the interplay of multiple governing principles underlying common biomedical devices and problems, bolstered by case studies. It shows you how to take advantage of the *International Human Resource Management* McGraw Hill Professional A high schooler bitten by a radioactive spider. A mighty Amazon wielding a lasso of truth. An African king imbued with a panther's essence. With decades of rich storytelling married to vibrant artwork, there is a reason the characters from comic books and graphic novels have become staples of popular culture. But sometimes the most dramatic, compelling characters are those from the pages of history, their only powers borne of humanity and moral clarity. Such was the case when an 18-year-old John Lewis arrived at college and

came across Martin Luther King and the Montgomery Story, a comic book that told Dr. King's origin story and extolled the virtues of nonviolent resistance. Now, the graphic novel *Black Lives Always Mattered! (BLAM!)* has a chance to have a similarly inspirational effect on tomorrow's leaders by breathing life into the stories of some of Philadelphia's most influential African Americans of the 20th century like W.E.B. Du Bois, Marian Anderson, and Alain Locke. Temple University's Charles L. Blockson Afro-American Collection and The Pew Center for Arts & Heritage are distributing BLAM! free of cost to high school students in The School District of Philadelphia. There is no greater gift we can give to the next generation than education.

Graduate Programs in Engineering and Computer Science

American Mathematical Soc.
 An intuitive approach to machine learning covering key concepts, real-world applications, and practical Python coding exercises.
Plato: Laws 1 And 2
 Routledge
 Ten years after Virtual

Environment research started with NASA's VIEW project, these techniques are now exploited in industry to speed up product development cycles, to ensure higher product quality, and to encourage early training on and for new products. Especially the automotive industry, but also the oil and gas industry are driving the use of these techniques in their works. The papers in this volume reflect all the different tracks of the workshop: reviewed technical papers as research contributions, summaries on panels of VE applications in the automotive, the medical, the telecommunication and the geoscience field, a panel discussing VEs as the future workspace, invited papers from experts reporting from VEs for entertainment industry, for media arts, for supercomputing and productivity enhancement. Short industrial case studies, reporting very briefly from ongoing industrial activities complete this state of the art snapshot.
The College Stress Test
 Oxford University Press
 From the creator of the popular website Ask a Manager and New York's work-advice columnist comes a witty, practical

guide to 200 difficult professional conversations—featuring all-new advice! There’s a reason Alison Green has been called “the Dear Abby of the work world.” Ten years as a workplace-advice columnist have taught her that people avoid awkward conversations in the office because they simply don’t know what to say. Thankfully, Green does—and in this incredibly helpful book, she tackles the tough discussions you may need to have during your career. You’ll learn what to say when

- coworkers push their work on you—then take credit for it
- you accidentally trash-talk someone in an email then hit “reply all”
- you’re being micromanaged—or not being managed at all
- you catch a colleague in a lie
- your boss seems unhappy with your work
- your cubemate’s loud speakerphone is making you homicidal
- you got drunk at the holiday party

Praise for *Ask a Manager*
 “A must-read for anyone who works . . . [Alison Green’s] advice boils down to the idea that you should be professional (even when others are not) and that communicating in a

straightforward manner with candor and kindness will get you far, no matter where you work.”—Booklist (starred review)
 “The author’s friendly, warm, no-nonsense writing is a pleasure to read, and her advice can be widely applied to relationships in all areas of readers’ lives. Ideal for anyone new to the job market or new to management, or anyone hoping to improve their work experience.”—Library Journal (starred review)
 “I am a huge fan of Alison Green’s *Ask a Manager* column. This book is even better. It teaches us how to deal with many of the most vexing big and little problems in our workplaces—and to do so with grace, confidence, and a sense of humor.”—Robert Sutton, Stanford professor and author of *The No Asshole Rule* and *The Asshole Survival Guide*
 “*Ask a Manager* is the ultimate playbook for navigating the traditional workforce in a diplomatic but firm way.”—Erin Lowry, author of *Broke Millennial: Stop Scraping By and Get Your Financial Life Together*
Treebanks Penguin
 This book is Part I of the fourth edition of Robert Sedgewick and Kevin

Wayne’s *Algorithms*, the leading textbook on algorithms today, widely used in colleges and universities worldwide. Part I contains Chapters 1 through 3 of the book. The fourth edition of *Algorithms* surveys the most important computer algorithms currently in use and provides a full treatment of data structures and algorithms for sorting, searching, graph processing, and string processing -- including fifty algorithms every programmer should know. In this edition, new Java implementations are written in an accessible modular programming style, where all of the code is exposed to the reader and ready to use. The algorithms in this book represent a body of knowledge developed over the last 50 years that has become indispensable, not just for professional programmers and computer science students but for any student with interests in science, mathematics, and engineering, not to mention students who use computation in the liberal arts. The companion web site, algs4.cs.princeton.edu contains An online synopsis Full Java implementations Test

data Exercises and answers Dynamic visualizations Lecture slides Programming assignments with checklists Links to related material The MOOC related to this book is accessible via the "Online Course" link at algs4.cs.princeton.edu. The course offers more than 100 video lecture segments that are integrated with the text, extensive online assessments, and the large-scale discussion forums that have proven so valuable. Offered each fall and spring, this course regularly attracts tens of thousands of registrants. Robert Sedgewick and Kevin Wayne are developing a modern approach to disseminating knowledge that fully embraces technology, enabling people all around the world to discover new ways of learning and teaching. By integrating their textbook, online content, and MOOC, all at the state of the art, they have built a unique resource that greatly expands the breadth and depth of the educational experience. *The Ethical Algorithm* Rowman & Littlefield After working through *Building Problem Solvers*, readers should have a

deep understanding of pattern directed inference systems, constraint languages, and truth maintenance systems. *International Educational Development Program* Springer Science & Business Media Many challenges lie ahead in the development of a global information society. Culture and democracy are two areas which may be under particular threat. The book reflects on today's complex and uncertain cultural and democratic developments arising as a result of an increasingly global, technologically-connected world. In particular it focuses on the Internet, examining new metaphors for communication, defining the issues at stake and proposing options, actions and solutions. Among the issues discussed were: multi-cultural developments; cultural sensitivities and the involvement of cultural minorities; generation gaps; gender issues; technology access for the elderly and the disabled; technology transfer. *Building Problem Solvers* Beacon Press "Neither an academic tome nor a prescriptive 'how to' guide, *The Theory and Practice of Online*

Learning is an illuminating collection of essays by practitioners and scholars active in the complex field of distance education. Distance education has evolved significantly in its 150 years of existence. For most of this time, it was an individual pursuit defined by infrequent postal communication. But recently, three more developmental generations have emerged, supported by television and radio, teleconferencing, and computer conferencing. The early 21st century has produced a fifth generation, based on autonomous agents and intelligent, database-assisted learning, that has been referred to as Web 2.0. The second edition of "The Theory and Practice of Online Learning" features updates in each chapter, plus four new chapters on current distance education issues such as connectivism and social software innovations."--BOOK JACKET.

Schaum's Outline of Linear Algebra, 5th Edition Cambridge University Press Upper Saddle River, N.J. : Creative Homeowner, *An Ethical Global Information Society* Ballantine Books

International Human Resource Management offers a contemporary and multilayered introduction to international and comparative human resource management for university study. It critically analyses the core issues and emerging trends in the field, with a consistent emphasis on real-world scenarios and concerns. At the macro level, the book examines how IHRM fits within and adapts to the ever-changing environment of international relations and global development. At the firm level, it elucidates the strategic goals served by IHRM and the processes used to achieve them. At the individual level, the analysis extends beyond the traditional focus on expatriates to encompass the various IHRM actors and their motivations. Each chapter features a case study, tutorial activities and discussion questions. The book concludes with three extended case studies, each based on a specific region, to help students consolidate their understanding.

Graduate Programs in Business, Education, Information Studies, Law & Social Work 2014 (Grad 6) Peterson's

The second edition of Student Development in College offers higher education professionals a clear understanding of the developmental challenges facing today's college students. Thoroughly revised and updated, this edition includes new integrative theories of student development, expanded coverage of social identity theories, a targeted focus on higher education-related research, a current review of student development research and application, and reconceptualization of typology theories as a way to understand individual differences. Praise for the Second Edition of STUDENT DEVELOPMENT IN COLLEGE "Student Development in College is a rich, comprehensive exploration of the major theoretical perspectives that inform development. The authors' attention to nuances and complexities results in a substantive history of theory development and a careful story about how various perspectives evolved yielding contemporary theorizing. The book is a masterful blend of theoretical lenses and their use in designing developmentally appropriate practice for

diverse populations of contemporary college students. It is an excellent resource for all educators who work on college campuses." Marcia Baxter Magolda, Distinguished Professor, Educational Leadership, Miami University "This is an invaluable work for anyone seeking an introduction to college student development theories or those seeking to update their existing knowledge. It offers a thorough and complex review of both the foundational theories and the newer often more culturally relevant theories and models." Raechele L. Pope, program coordinator, Higher Education Program, University at Buffalo "The original book was a tremendous contribution to the field of higher education and especially student affairs. After more than ten years, this revision is a timely and focused enhancement to the literature that nurtures quality professionals to think differently about topics relevant to our field. Well done a second time around!" Gregory Roberts, executive director, ACPA College Student Educators International *Contagious* Athabasca

University Press Graduate Programs in Business, Education, Information Studies, Law & Social Work 2015 contains helpful facts and figures on more than 11,000 graduate programs. The comprehensive directory includes more than 1,850 institutions and their programs in all of the relevant disciplines such as accounting and finance, business management, education, law, library and information sciences, marketing, social work, and many more. Informative data profiles feature facts and figures on accreditation, degree requirements, application deadlines, contact information, financial support, faculty, and student body profiles. Two-page in-depth descriptions, written by featured institutions, offer complete details on specific graduate program, school, or department as well as information on faculty research. Comprehensive directories list programs in this volume, as well as others in the graduate series.

Peterson's Graduate and Professional Programs Ballantine Books

Computational BioengineeringCRC Press *The Science of Character* Harvard Business Review Press Peterson's Graduate Programs in Business, Education, Information Studies, Law & Social Work 2014 contains comprehensive profiles of more than 11,000 graduate programs in disciplines such as, accounting & finance, business administration & management, education, human resources, international business, law, library & information studies, marketing, social work, transportation management, and more. Up-to-date info, collected through Peterson's Annual Survey of Graduate and Professional Institutions, provides valuable data on degree offerings, professional accreditation, jointly offered degrees, part-time & evening/weekend programs, postbaccalaureate distance degrees, faculty, students, requirements, expenses, financial support, faculty research, and unit head and application contact information. There are helpful links to in-depth descriptions about a specific graduate program or department, faculty

members and their research, and more. Also find valuable articles on financial assistance, the graduate admissions process, advice for international and minority students, and facts about accreditation, with a current list of accrediting agencies.

[The \\$,t\\$-Catalan Numbers and the Space of Diagonal Harmonics](#)

Peterson Nelnet Company A Wharton professor and tech entrepreneur examines how algorithms and artificial intelligence are starting to run every aspect of our lives, and how we can shape the way they impact us Through the technology embedded in almost every major tech platform and every web-enabled device, algorithms and the artificial intelligence that underlies them make a staggering number of everyday decisions for us, from what products we buy, to where we decide to eat, to how we consume our news, to whom we date, and how we find a job. We've even delegated life-and-death decisions to algorithms--decisions once made by doctors, pilots, and judges. In his new book, Kartik Hosanagar surveys the brave new world of algorithmic decision-

making and reveals the potentially dangerous biases they can give rise to as they increasingly run our lives. He makes the compelling case that we need to arm ourselves with a better, deeper, more nuanced understanding of the phenomenon of algorithmic thinking. And he gives us a route in, pointing out that algorithms often think a lot like their creators--that is, like you and me. Hosanagar draws on his experiences designing algorithms professionally--as well as on history, computer science, and psychology--to explore how algorithms work and why they occasionally go rogue, what drives our trust in them, and the many ramifications of algorithmic decision-making. He examines episodes like Microsoft's chatbot Tay, which was designed to converse on social media like a teenage girl, but instead turned sexist and racist; the fatal accidents of self-driving cars; and even our own common, and often frustrating, experiences on services like Netflix and Amazon. *A Human's Guide to Machine Intelligence* is an entertaining and provocative look at one of

the most important developments of our time and a practical user's guide to this first wave of practical artificial intelligence. *Patent Law* University of Chicago Press
Advances in artificial intelligence (AI) highlight the potential of this technology to affect productivity, growth, inequality, market power, innovation, and employment. This volume seeks to set the agenda for economic research on the impact of AI. It covers four broad themes: AI as a general purpose technology; the relationships between AI, growth, jobs, and inequality; regulatory responses to changes brought on by AI; and the effects of AI on the way economic research is conducted. It explores the economic influence of machine learning, the branch of computational statistics that has driven much of the recent excitement around AI, as well as the economic impact of robotics and automation and the potential economic consequences of a still-hypothetical artificial general intelligence. The volume provides frameworks for understanding the

economic impact of AI and identifies a number of open research questions. Contributors: Daron Acemoglu, Massachusetts Institute of Technology Philippe Aghion, Collège de France Ajay Agrawal, University of Toronto Susan Athey, Stanford University James Bessen, Boston University School of Law Erik Brynjolfsson, MIT Sloan School of Management Colin F. Camerer, California Institute of Technology Judith Chevalier, Yale School of Management Iain M. Cockburn, Boston University Tyler Cowen, George Mason University Jason Furman, Harvard Kennedy School Patrick Francois, University of British Columbia Alberto Galasso, University of Toronto Joshua Gans, University of Toronto Avi Goldfarb, University of Toronto Austan Goolsbee, University of Chicago Booth School of Business Rebecca Henderson, Harvard Business School Ginger Zhe Jin, University of Maryland Benjamin F. Jones, Northwestern University Charles I. Jones, Stanford University Daniel Kahneman, Princeton University Anton Korinek, Johns Hopkins University Mara Lederman, University of Toronto Hong Luo,

Harvard Business School John McHale, National University of Ireland Paul R. Milgrom, Stanford University Matthew Mitchell, University of Toronto Alexander Oettl, Georgia Institute of Technology Andrea Prat, Columbia Business School Manav Raj, New York University Pascual Restrepo, Boston University Daniel Rock, MIT Sloan School of Management Jeffrey D. Sachs, Columbia University Robert Seamans, New York	University Scott Stern, MIT Sloan School of Management Betsey Stevenson, University of Michigan Joseph E. Stiglitz. Columbia University Chad Syverson, University of Chicago Booth School of Business Matt Taddy, University of Chicago Booth School of Business Steven Tadelis, University of California, Berkeley Manuel Trajtenberg, Tel Aviv University Daniel Trefler, University of Toronto Catherine Tucker, MIT Sloan School of	Management Hal Varian, University of California, Berkeley Machine Learning Refined Springer Science & Business Media Those interested in and responsible for the fate of these institutions will find in this book a clearly defined set of risk indicators, a methodology for monitoring progress over time, and an evidence-based understanding of where they reside in the landscape of institutional risk.
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