

Wolfson Group Daniel Schatzman

Pulitzer Prize-winning author of *Fences* and *The Piano Lesson* Winner of the New York Drama Critics Circle Award for Best Play It is the spring of 1948. In the still cool evenings of Pittsburgh's Hill district, familiar sounds fill the air. A rooster crows. Screen doors slam. The laughter of friends gathered for a backyard card game rises just above the wail of a mother who has lost her son. And there's the sound of the blues, played and sung by young men and women with little more than a guitar in their hands and a dream in their hearts. August Wilson's *Seven Guitars* is the sixth chapter in his continuing theatrical saga that explores the hope, heartbreak, and heritage of the African-American experience in the twentieth century. The story follows a small group of friends who gather following the untimely death of Floyd "Schoolboy" Barton, a local blues guitarist on the edge of stardom. Together, they reminisce about his short life and discover the unspoken passions and undying spirit that live within each of them.

In the years following the founding of the State of Israel, close to a million Jews became refugees fleeing their ancestral homelands in the Middle East, North Africa, and Iran. State-sanctioned discrimination, violence, and political unrest brought an abrupt end to these once vibrant communities, scattering their members to the four corners of the earth. Their stories are mostly untold. *Sephardi Voices: The Forgotten Exodus of the Arab Jews* is a window into the experiences of these communities and their stories of survival. Through gripping first-hand accounts and stunning portrait and documentary photography, we hear on-the-ground stories of pogroms in Libya and Egypt, the burning of synagogues in Syria, the terrible Farhud in Iraq, families escaping via the great airlifts of the Magic Carpet and Operations Ezra and Nehemiah, husbands smuggled in carpets into Iran in search of wives. The authors also provide crucial historical background for these events, as well as updates on the lives of some of these Sephardi Jews who have gone on to rebuild fortunes in London and New York, write novels, and win Nobel Prizes. *Sephardi Voices* is at once a wide-ranging and intimate story of a large-scale catastrophe and a portrait of the vulnerability of the passage of time.

This revised edition, published in 1960, brings up to date a book first published in 1954--a concisely organized, simply written account of the society that produced the Bible. As the author traces the fluctuating fortunes of the Hebrews and Israelites between about 2000 and 300 B.C.E., the reader can see how Jewish religious concepts developed in the context of actual historical situations.

Bibliomysteries Pegasus Books

This modern introduction to the foundations of logic and mathematics not only takes theory into account, but also treats in some detail applications that have a substantial impact on everyday life (loans and mortgages, bar codes, public-key

cryptography). A first college-level introduction to logic, proofs, sets, number theory, and graph theory, and an excellent self-study reference and resource for instructors.

Symplectic geometry is a central topic of current research in mathematics. Indeed, symplectic methods are key ingredients in the study of dynamical systems, differential equations, algebraic geometry, topology, mathematical physics and representations of Lie groups. This book is a true introduction to symplectic geometry, assuming only a general background in analysis and familiarity with linear algebra. It starts with the basics of the geometry of symplectic vector spaces. Then, symplectic manifolds are defined and explored. In addition to the essential classic results, such as Darboux's theorem, more recent results and ideas are also included here, such as symplectic capacity and pseudoholomorphic curves. These ideas have revolutionized the subject. The main examples of symplectic manifolds are given, including the cotangent bundle, Kahler manifolds, and coadjoint orbits. Further principal ideas are carefully examined, such as Hamiltonian vector fields, the Poisson bracket, and connections with contact manifolds. Berndt describes some of the close connections between symplectic geometry and mathematical physics in the last two chapters of the book. In particular, the moment map is defined and explored, both mathematically and in its relation to physics. He also introduces symplectic reduction, which is an important tool for reducing the number of variables in a physical system and for constructing new symplectic manifolds from old. The final chapter is on quantization, which uses symplectic methods to take classical mechanics to quantum mechanics. This section includes a discussion of the Heisenberg group and the Weil (or metaplectic) representation of the symplectic group. Several appendices provide background material on vector bundles, on cohomology, and on Lie groups and Lie algebras and their representations. Berndt's presentation of symplectic geometry is a clear and concise introduction to the major methods and applications of the subject, and requires only a minimum of prerequisites. This book would be an excellent text for a graduate course or as a source for anyone who wishes to learn about symplectic geometry.

In 1919, Bieberbach posed a seemingly simple conjecture. That "simple" conjecture challenged mathematicians in complex analysis for the following 68 years! In that time, a huge number of papers discussing the conjecture and its related problems were inspired. Finally in 1984, de Branges completed the solution. In 1989, Professor Gong wrote and published a short book in Chinese, *The Bieberbach Conjecture*, outlining the history of the related problems and de Branges' proof. The present volume is the English translation of that Chinese edition with modifications by the author. In particular, he includes results related to several complex variables. Open problems and a large number of new mathematical results motivated by the Bieberbach conjecture are included. Completion of a standard one-year graduate complex analysis course will prepare the reader for understanding the book. It would make a nice supplementary text for a topics course at the advanced undergraduate or graduate level.

As a result of prevailing monetary conditions since the global financial crisis, the world has witnessed unprecedented growth in global

corporate credit markets. Yet, despite the trillions of dollars put to work in the debt capital markets, corporate credit is still an unfamiliar concept to most investors compared to other asset classes, such as equities and commodities. Every red-top newspaper and 24-hour news service is happy to report the latest twitch in the Dow, FTSE or Stoxx indices but momentous moves in the iBoxx or iTraxx go unmentioned. And whereas many a talking head is happy to pose as an equity analyst, few feel comfortable venturing into the arcana of credit. Yet the corporate credit market, as the authors of this new book show, is both materially larger than its equity peer and has shown more attractive risk/reward characteristics over the last 90-odd years. In *Opening Credit*, career credit professionals, Justin McGowan and Duncan Sankey, aim to redress this by drawing on their more than 50 years' collective experience in the field to elucidate a practitioner's approach to corporate credit investment. Whilst explaining the basics of traditional credit analysis and affirming its value, McGowan and Sankey also caution against its shortcomings. They demonstrate the need both to penetrate the veil of accounting to get to the economic reality behind the annuals and interim numbers and to analyse the individuals that drive them - the key executives and board members. They employ a range of cogent and easy-to-follow case studies to illustrate the value of their executive- and governance-led approach, which places management front and centre in understanding corporate credit. *Opening Credit* will appeal to all those seeking a better understanding of corporate credit, including analysts looking to develop their skills, fund managers (especially those with an eye to SRI), bankers, IFAs, financial journalists, academics and students of finance.

Written by a world-recognized leader in this emerging field, *Clinical Cancer Genetics* provides an updated and expanded treatment of Kenneth Offit's seminal text on the clinical management associated with syndromes of cancer predisposition, with a thorough review of the relevant molecular genetics. This second edition features new coverage of pharmacogenetics, gene therapy trials, high throughput genotyping, and microarrays and includes a new focus on epigenetic events in carcinogenesis within background chapter on cancer genetics. Expanded coverage highlights more uncommon and rare cancer predisposition syndromes.

Not to be used after March, 2012 Exams – CAIA Level I, 2nd Edition should be used to prepare for September 2012 Exam. The official study text for the Level I Chartered Alternative Investment Analyst (CAIA) exam The Chartered Alternative Investment Analyst (CAIA) designation is the financial industry's first and only globally recognized program that prepares professionals to deal with the ever-growing field of alternative investments. The CAIA Level I: An Introduction to Core Topics in Alternative Investments contains all material on alternative investments that a potential Level I candidate would need to know as they prepare for the exam. The information found here will help you build a solid foundation in both traditional and alternative investment markets-for example, the range of statistics that are used to define investment performance as well as the many types of hedge fund strategies. It will also inform CAIA candidates on how to identify and describe aspects of financial markets, develop reasoning skills, and in some cases, make computations necessary to solve business problems. Contains "need to know" material for Level I candidates and for alternative investment specialists Addresses all of the unique attributes associated with the alternative investments space Organized with a study guide outline and learning objectives with key terms, available for free at www.caia.org/program/studyguides Focuses on alternative investments and quantitative techniques used by investment professionals This book is a must-have resource for anyone contemplating taking the CAIA Level I exam.

This book, which originally appeared as a special issue of *TDR/The Drama Review*, explores the myriad aesthetic, cultural, and experimental possibilities of radiophony and sound art. Art making and criticism have focused mainly on the visual media. This book, which originally appeared as a special issue of *TDR/The Drama Review*, explores the myriad aesthetic, cultural, and experimental possibilities of radiophony

and sound art. Taking the approach that there is no single entity that constitutes "radio," but rather a multitude of radios, the essays explore various aspects of its apparatus, practice, forms, and utopias. The approaches include historical, political, popular cultural, archeological, semiotic, and feminist. Topics include the formal properties of radiophony, the disembodiment of the radiophonic voice, aesthetic implications of psychopathology, gender differences in broadcast musical voices and in narrative radio, erotic fantasy, and radio as an electronic memento mori. The book includes a new piece by Allen Weiss on the origins of sound recording. Contributors John Corbett, Tony Dove, René Farabet, Richard Foreman, Rev. Dwight Frizzell, Mary Louise Hill, G. X. Jupitter-Larsen, Douglas Kahn, Terri Kapsalis, Alexandra L. M. Keller, Lou Mallozzi, Jay Mandeville, Christof Migone, Joe Milutis, Kaye Mortley, Mark S. Roberts, Susan Stone, Allen S. Weiss, Gregory Whitehead, David Williams, Ellen Zweig

Cytokines are soluble mediators of intercellular communication. They contribute to a chemical signalling language that regulates development, tissue repair, haemopoiesis, inflammation and the immune response. Potent cytokine polypeptides have pleiotropic activities and functional redundancy. They act in a complex network where one cytokine can influence the production of, and response to, many other cytokines. In the past five years, this bewildering array of more than 100 effector molecules and associated cell surface receptors has been simplified by study of cytokine and cytokine receptor structure; elucidation of convergent intracellular signalling pathways; and molecular genetics, and targeted gene disruption to 'knock-out' production of individual cytokines in mice. It is also now clear that the pathophysiology of infectious, autoimmune and malignant disease can be partially explained by the induction of cytokines and the subsequent cellular response. Viral homologues exist for many cytokines and receptors and genetic variations in cytokine production may influence response to pathogenic stimuli. Cytokine and cytokine antagonists have shown therapeutic potential in a number of chronic and acute diseases. The Cytokine Network: Frontiers in Molecular Biology is not a survey of individual cytokines, but guides the reader through the latest research on the cytokine network as a whole covering genomics, signalling pathways, control of the immune response, and therapeutics.

This source of biographical information on the foremost men and women in the world today contains 20, 000 detailed biographies, each of which includes nationality, date and place of birth, career history and present position, honours, awards, leisure interests, current address and telephone number.

Hedge funds now account for 25 percent of all NYSE trading volume and are one of the fastest growing sectors in today's financial industry. Managing a Hedge Fund examines every significant issue facing a hedge fund manager, from management of numerous types of risk to due diligence requirements, use of arbitrage and other exotic activities, and more. Broad-based where most hedge fund books are narrowly focused, it provides current and potential managers with a concise but comprehensive treatment on managing—and maximizing—a hedge fund in today's fiercely competitive investing arena.

Introduces more than seventy foolproof recipes for an array of home-baked sweets and treats that are perfect for gifts on any occasion, including Brown Sugar Shortbreads, Two-Ginger Gingerbread, Really Chocolate Chocolate Pudding, Coconut Layer Cake, and other cookies, cakes, tarts, candies, and mousses, with tips on packing and shipping, creative variations, storage, and more.

If you open your dictionary, you will discover that there is no such word as "bibliomystery." However, most mystery readers know

that the word refers to a mystery story that involves the world of books: a bookshop, a rare volume, a library, a collector, or a bookseller. The stories in this unique collection were commissioned by the Mysterious Bookshop. They were written by some of the mystery genre's most distinguished authors. Tough guys like Ken Bruen, Reed Farrel Coleman, Loren D. Estleman, and Mickey Spillane and Max Allan Collins. Bestsellers like Nelson DeMille, Anne Perry, and Jeffery Deaver. Edgar winners such as C. J. Box, Thomas H. Cook, and Laura Lippman. Here you will discover Sigmund Freud dealing with an unwelcome visitor; Columbo confronting a murderous bookseller; a Mexican cartel kingpin with a fatal weakness for rare books; and deadly secrets deep in the London Library; plus books with hidden messages, beguiling booksellers, crafty collectors, and a magical library that is guaranteed to enchant you. The stories have been published in seven languages—one has sold more than 250,000 copies as an e-book, and another won the Edgar Allan Poe Award as the Best Short Story of the Year. Who knew literature could be so lethal!

Examines the role of playfulness in animal and human development, highlighting its links to creativity and, in turn, to innovation. As requested by the National Science Foundation (NSF) and the Interagency Committee for Extramural Mathematics Programs (ICEMAP), this report updates the 1984 Report known as the "David Report." Specifically, the charge directed the committee to (1) update that report, describing the infrastructure and support for U.S. mathematical sciences research; (2) assess trends and progress over the intervening five years against the recommendations of the 1984 Report; (3) briefly assess the field scientifically and identify significant opportunities for research, including cross-disciplinary collaboration; and (4) make appropriate recommendations designed to ensure that U.S. mathematical sciences research will meet national needs in coming years. Of the several components of the mathematical sciences community requiring action, its wellspring--university research departments--is the primary focus of this report. The progress and promise of research--described in the 1984 Report relative to theoretical development, new applications, and the refining and deepening of old applications--have if anything increased since 1984, making mathematics research ever more valuable to other sciences and technology. Although some progress has been made since 1984 in the support for mathematical sciences research, the goals set in the 1984 Report have not been achieved. Practically all of the increase in funding has gone into building the infrastructure, which had deteriorated badly by 1984. While graduate and postdoctoral research, computer facilities, and new institutes have benefited from increased resources, some of these areas are still undersupported by the standards of other sciences. And in the area of research support for individual investigators, almost no progress has been made. A critical shortage of qualified mathematical sciences researchers still looms, held at bay for the moment by a large influx of foreign researchers, an uncertain solution in the longer term. While government has responded substantially to the 1984 Report's recommendations, particularly in the support of infrastructure, the universities generally have not, so that the academic foundations of the mathematical sciences research enterprise are as shaky now as in 1984. The greatest progress has been made in the mathematics sciences community, whose members have shown a growing awareness of the problems confronting their discipline and increased interest in dealing with the problems, particularly in regard to communication with the public and government agencies and involvement in education. (AA)

In 1964 at the World's Fair in New York City one room was dedicated solely to mathematics. The display included a very attractive and informative mural, about 13 feet long, sponsored by one of the largest computer manufacturing companies and presenting a brief survey of the history of mathematics. Entitled, "Men of Modern Mathematics," it gives an outline of the development of that science from approximately 1000 B. C. to the year of the exhibition. The first centuries of this time span are illustrated by pictures from the history of art and, in particular, architecture; the period since 1500 is illuminated by portraits of mathematicians, including brief descriptions of their lives and professional achievements. Close to eighty portraits are crowded into a space of about fourteen square feet; among them, only one is of a woman. Her face—mature, intelligent, neither pretty nor handsome—may suggest her love of science. Emmy Noether's intelligence and creative gift, but certainly reveals a likeable personality and a genuine kindness of heart. It is the portrait of Emmy Noether (1882 - 1935), surrounded by the likenesses of such famous men as Joseph Liouville (1809-1882), Georg Cantor (1845-1918), and David Hilbert (1862 -1943). It is accompanied by the following text: Emmy Noether, daughter of the mathematician Max, was often called "Der Noether," as if she were a man.

***THE INAUGURAL SARAH JESSICA PARKER PICK FOR BOOK CLUB CENTRAL* CHOSEN AS A 2017 BEST SUMMER READ PICK BY The Wall Street Journal • The Washington Post • The Seattle Times NAMED ONE OF THE MOST ANTICIPATED BOOKS OF 2017 BY Entertainment Weekly • Nylon • Elle • Redbook • W Magazine • The Chicago Review of Books**

JJ Ferguson has returned home to Pinewood, North Carolina, to build his dream house and to pursue his high school sweetheart, Ava. But as he reenters his former world, where factories are in decline and the legacy of Jim Crow is still felt, he's startled to find that the people he once knew and loved have changed just as much as he has. Ava is now married and desperate for a baby, though she can't seem to carry one to term. Her husband, Henry, has grown distant, frustrated by the demise of the furniture industry, which has outsourced to China and stripped the area of jobs. Ava's mother, Sylvia, caters to and meddles with the lives of those around her, trying to fill the void left by her absent son. And Don, Sylvia's unworthy but charming husband, just won't stop hanging around. JJ's return—and his plans to build a huge mansion overlooking Pinewood and woo Ava—not only unsettles their family, but stirs up the entire town. The ostentatious wealth that JJ has attained forces everyone to consider the cards they've been dealt, what more they want and deserve, and how they might go about getting it. Can they reorient their lives to align with their wishes rather than their current realities? Or are they all already resigned to the rhythms of the particular lives they lead? *No One Is Coming to Save Us* is a revelatory debut from an insightful voice: with echoes of *The Great Gatsby* it is an arresting and powerful novel about an extended African American family and their colliding visions of the American Dream. In evocative prose, Stephanie Powell Watts has crafted a full and stunning portrait that combines a universally resonant story with an intimate glimpse into the hearts of one family.

Metabolic inhibitors and receptor antagonists are indispensable tools for the molecular life scientist. By blocking specific enzymes or receptor-mediated signal transduction cascades, they simplify the analysis of complex cellular processes especially when it is essential to demonstrate that a process of interest is functionally linked to a particular enzyme or receptor. From antibiotics to

statins, modern medicine relies on the reliability and ease-of-use of enzyme- and receptor-directed inhibitors and antagonists. The Inhibitor Index is a comprehensive, curated compendium of over 7,800 enzyme inhibitors and receptor antagonists, including many toxins, poisons, and metabolic uncouplers.

Vols. 4-17 include General public acts passed by the 105th - 118th Legislature of the state of New Jersey and lists of members of the Legislature.

She's been dirt poor; she's been filthy rich. Rich was more fun. She married three times, divorced twice, found her true love, and lost him to cancer. At twenty-one, she was told she would soon die. She lived. Doctors said she'd never be able to have children. She had 'em. She's bargained with God, dictators, and Democrats. She's partied with princes, presidents, premiers, Barbara Walters, Anwar Sadat, Margaret Thatcher, Tom Hanks, and Francisco Franco . . . though not all at the same time. She captivated powerful men with her feminine charm, and then persuaded them toward unlikely political alliances through her formidable intelligence. She waltzed with Prince Philip in Buckingham Palace, dressed in men's clothes and smuggled herself in a barrel across the Pakistani border, threw a Roman-themed party so extravagant it was featured in Life magazine, and survived a Soviet gunship attack in the mountains of Afghanistan. Joanne Herring, the Houston socialite portrayed by Julia Roberts in the film *Charlie Wilson's War*, is far more colorful, funny, and likable than any screenwriter could have guessed. The former Texas television anchor is known for her improbable fight with the mujahideen against the former Soviet Union. But her full story—with all its God, guns, and Gucci glory—has never been told. Born in the man's world of Texas in a time when women had limited choices, Joanne Herring blazed a trail with allies as unlikely as Charlie Wilson, Pierre Cardin, and President Ronald Reagan . . . and in so doing forged new paths for women in Pakistan, Afghanistan, and America.

This festive parody reimagines a classic bedtime book as a lively Jewish family gathering complete with bubbies and zeydes—a perfect gift or read aloud that includes an exclusive latke recipe by Ina Garten, TV's Barefoot Contessa! In the small blue room there was a bubbala, and a little shmatta, and then—oy vey!—came the whole mishpacha! This zesty parody of one of America's favorite picture books offers a very different bedtime routine: one that is full of family exuberance and love. Instead of whispers of “hush,” this bedtime includes dancing and kvelling, and of course, noshing—because this little bunny is a Jewish bunny, and this joyous book celebrates the Jewish values of cherishing your loved ones, expressing gratitude, and being generous. Filled with Yiddish words, the book includes a phonetic glossary and even an easy latke recipe by beloved cookbook author Ina Garten, who calls the book “brilliant, beautiful, important, and so much fun!”

This new edition includes an updated preface that situates the themes of the book in the current debate over health care and midwifery, an epilogue that examines the major issues in the 1990s and comments on developments that have taken place over the past decade, and an updated bibliography.

Milk Supply is a collection of recent articles in one convenient volume. Health care providers will find the latest insights from thought leaders on the following issues related to milk supply. "The Magic Number" teaching concept to help mothers maintain their milk supplies while

pumping Breast massage and compression to help mothers increase breast milk yields and overcome breastfeeding difficulties New, more-conservative guidelines on the use of galactogogues Fenugreek, milk volume, and prolactin levels in mothers of preterm infants The safety and efficacy of placenta consumption as a galactogogue Preparation, cleaning, and sterilization of breast pump parts Appropriate use of nipple shields to improve breastfeeding outcomes The importance of the mother-infant relationship in babies' growth and development" The duration of large-scale violent civil conflict increases substantially if the society is composed of a few large ethnic groups, if there is extensive forest cover, and if the conflict has commenced since 1980. None of these factors affect the initiation of conflict. And neither the duration nor the initiation of conflict is affected by initial inequality or political repression.

Neuropsychological Effects of the Psychiatric Disorders provides a comprehensive review of the background and literature concerning effects of the psychiatric disorders on cognitive functions. It follows the classification of disease proposed by the Diagnostic and Statistical Manual of Mental Disorders (DSM-IV) and each condition is described in terms of its history, details regarding physical investigations of brain functioning in that disorder, and an extensive review and formulation of the implications of the disorder to cognitive functioning. A selective review of cognitive effects of treatments of the psychiatric disorders both from a pharmacological and physical standpoint is also included. Each chapter features a fully worked case of a disorder in association with the background and presentation of the patient, as well as a full listing of the patient's performance on specific neuropsychological tests. Techniques for differentiating dementia from depressive illness, as well as

Understanding the stars is the bedrock of modern astrophysics. Stars are the source of life. The chemical enrichment of our Milky Way and of the Universe withallelementsheavierthanlithiumoriginatesintheinteriorsofstars.Stars arethe tracersofthe dynamics ofthe Universe,gravitationallyimplying much more than meets the eye. Stars ionize the interstellar medium and re-ionized the early intergalactic medium. Understanding stellar structure and evolution is fundamental. While stellar structure and evolution are understood in general terms, we lack important physical ingredients, despite extensive research during recent decades.Classicalspectroscopy,photometry,astrometryandinterferometryof stars have traditionally been used as observational constraints to deduce the internal stellar physics. Unfortunately, these types of observations only allow the tuning of the basic common physics laws under stellar conditions with relatively poor precision. The situation is even more worrisome for unknown aspects of the physics and dynamics in stars. These are usually dealt with by using parameterised descriptions of, e.g., the treatments of convection, rotation,angularmomentumtransport,theequationofstate,atomicdi?usion andsettlingofelements,magneto-hydrodynamicalprocesses,andmore.There is a dearth of observational constraints on these processes, thus solar values areoftenassignedtothem.Yetitishardtoimaginethatonesetofparameters is appropriate for the vast range of stars.

The material presented in this book corresponds to a semester-long course, ``Linear Algebra and Differential Equations'', taught to sophomore students at UC Berkeley. In contrast with typical undergraduate texts, the book offers a unifying point of view on the subject, namely that linear algebra solves several clearly-posed classification problems about such geometric objects as quadratic forms and linear transformations. This attractive viewpoint on the classical theory agrees well with modern tendencies in advanced mathematics and is shared by many research mathematicians. However, the idea of classification seldom finds its way to basic programs in mathematics, and is usually unfamiliar to undergraduates. To meet the challenge, the book first guides the reader through the entire agenda of linear algebra in the elementary environment of two-dimensional geometry, and prior to spelling out the general idea and employing it in higher dimensions, shows

how it works in applications such as linear ODE systems or stability of equilibria. Appropriate as a text for regular junior and honors sophomore level college classes, the book is accessible to high school students familiar with basic calculus, and can also be useful to engineering graduate students.

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