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FOUNDATIONS FOR MICROWAVE ENGINEERING, 2ND ED
Foundations for Microwave Engineering Foundations for Microwave Engineering. Collin Small Antenna Handbook Microwave Engineering Foundations for Microstrip Circuit Design Antennas and Radiowave Propagation The Accommodation Customized Complete Foundations of Microwave Engineering Divine Doppelgängers First Things First Money, Interest and Capital Foundations of Bilingual Education and Bilingualism Philosophical Foundations of Labour Law Mathematical Foundations for Electromagnetic Theory The Golem The Apple That Astonished Paris Intersectionality Modern Antennas Good to Great The Language of God Extinction in Our Times Graph Neural Networks: Foundations, Frontiers, and Applications Love at First Spite Paved A Way Principles and Applications of Electromagnetic Fields Field Theory of Guided Waves Handbook of Research in the Social Foundations of Education Introduction to e-Business The Deep Mixing Method BE 2.0 (Beyond Entrepreneurship 2.0) The Moonstone Handmade Electronic Music Homegoing Making Motherhood Work Foundations for Microwave Engineering Finite Element Method Electromagnetics Built to Last Cumulative List of Organizations Described in Section 170 (c) of the Internal Revenue Code of 1986 Foundations for Microwave Engineering

The powerful, long-repressed classic of Dallas history that examines the violent and suppressed history of race and racism in the city. Written by longtime Dallas political journalist Jim Schutze, formerly of the Dallas Times Herald and Dallas Observer, and currently columnist at D Magazine, The Accommodation follows the story of Dallas from slavery through the Civil Rights Movement, and the city's desegregation efforts

in the 1950s and '60s. Known for being an uninhibited and honest account of the city's institutional and structural racism, Schutze's book argues that Dallas' desegregation period came at a great cost to Black leaders in the city. Now, after decades out of print and hand-circulated underground, Schutze's book serves as a reminder of what an American city will do to protect the white status quo. Why yet another book on antennas ? The aim of the authors was to offer a didactic text appropriate for advanced graduate students, as well as a practical work for practicing engineers; to combine a solid theoretical treatment with a practical development which should allow the serious reader to undertake antenna design from first principles. To accomplish these goals, the authors bring together their contributions from both industry and the academic environment. The developments of the various topics start at a level which is accessible to a novice in the speciality, but give a treatment which culminates at an advanced level. Another important feature of the book is its use of practical examples illustrating real engineering problems and designs. In most cases, the explanation is sufficient to grasp the principles of operation of the related equipment, and, where appropriate, the reader is referred to a relevant bibliography for more complete and hence more sophisticated methodologies of design. Of particular note are the chapters on specialist subjects such as antennas and signal theory, and signal processing antennas, showing how the antenna may be combined with signal processing techniques in imaging applications, in angular superresolution, and in adaptive arrays to suppress interference and jamming. Another example is the chapter on the use of polarimetry to enhance the wealth of information which may be extracted, for example, from radar signals. Falling in love is the

ultimate payback in this delightful, breezy romcom about an interior designer who teams up with an enigmatic architect at her firm to get revenge on her ex the only way she knows how: by building a spite house next door “Filled with sizzling chemistry and delicious revenge, *Love at First Spite* had me smiling from start to finish. This is one debut you don’t want to miss!” —Kate Bromley, author of *Talk Bookish to Me* They say living well is the best revenge. But sometimes, spreading the misery seems a whole lot more satisfying. That’s interior designer Dani Porter’s justification for buying the vacant lot next to her ex-fiancé’s house...the house they were supposed to live in together, before he cheated on her with their Realtor. Dani plans to build a vacation rental that will a) mess with his view and his peace of mind and b) prove that Dani is not someone to be stepped on. Welcome to project Spite House. That plan quickly becomes complicated when Dani is forced to team up with Wyatt Montego, the handsome, haughty architect at her firm, and the only person available to draw up blueprints. Wyatt is terse and stern, the kind of man who eats his sandwich with a knife and fork. But as they spend time together on- and off-site, Dani glimpses something deeper beneath that hard veneer, something surprising, vulnerable, and real. And the closer she gets to her goal, the more she wonders if winning revenge could mean losing something infinitely sweeter... “Rollickingly, fast-paced... Fans of Emily Henry’s tales will enjoy Collins’ imaginative rom-com.” —Booklist “Wyatt is the perfect grumpy romance hero with a heart of gold. An enemies-to-friends-to-lovers story that’s sure to delight rom-com fans.” —Kirkus Reviews

An Introduction to e-Business provides the contemporary knowledge of the key issues affecting the modern e-business environment and links theory and practice of management strategies relating to e-business. This book brings together the most cogent themes for an introduction to e-business and constitutes a valuable contribution to formalising common themes for teaching the subject in higher education. It brings together theoretical perspectives based on academic research and the application of e-business strategies. These concepts are further explored in the six case studies that follow the set chapters. This new textbook integrates the main themes to

provide a complete picture of the key elements relevant to an introductory text in e-business. To fully appreciate the e-business environment it is necessary to understand the links between the different disciplines that come together to form Pozar's new edition of *Microwave Engineering* includes more material on active circuits, noise, nonlinear effects, and wireless systems. Chapters on noise and nonlinear distortion, and active devices have been added along with the coverage of noise and more material on intermodulation distortion and related nonlinear effects. On active devices, there's more updated material on bipolar junction and field effect transistors. New and updated material on wireless communications systems, including link budget, link margin, digital modulation methods, and bit error rates is also part of the new edition. Other new material includes a section on transients on transmission lines, the theory of power waves, a discussion of higher order modes and frequency effects for microstrip line, and a discussion of how to determine unloaded. Parts one and two of this volume present the theoretical lenses used to study the social contexts of education. These include long-established foundations disciplines such as sociology of education and philosophy of education as well as newer theoretical perspectives such as critical race theory, feminist educational theory, and cultural studies in education. Parts three, four, and five demonstrate how these theoretical lenses are used to examine such phenomena as globalization, media, popular culture, technology, youth culture, and schooling. This groundbreaking volume helps readers understand the history, evolution, and significance of this wide-ranging, often misunderstood, and increasingly important field of study. This book is appropriate as a reference volume not only for scholars in the social foundations of education but also for scholars interested in the cultural contexts of teaching and learning (formal and informal). It is also appropriate as a textbook for graduate-level courses in Social Foundations of Education, School and Society, Educational Policy Studies, Cultural Studies in Education, and Curriculum and Instruction. The novel feature of this study is the application of Keynes' principle of effective demand to demonstrate the existence of a long-run

unemployment equilibrium without the assumption of rigid wages. A NEW YORK TIMES NOTABLE BOOK • Ghana, eighteenth century: two half sisters are born into different villages, each unaware of the other. One will marry an Englishman and lead a life of comfort in the palatial rooms of the Cape Coast Castle. The other will be captured in a raid on her village, imprisoned in the very same castle, and sold into slavery. One of Oprah's Best Books of the Year and a PEN/Hemingway award winner, Homegoing follows the parallel paths of these sisters and their descendants through eight generations: from the Gold Coast to the plantations of Mississippi, from the American Civil War to Jazz Age Harlem. Yaa Gyasi's extraordinary novel illuminates slavery's troubled legacy both for those who were taken and those who stayed—and shows how the memory of captivity has been inscribed on the soul of our nation. Building on the success of the previous three editions, Foundations for Microstrip Circuit Design offers extensive new, updated and revised material based upon the latest research. Strongly design-oriented, this fourth edition provides the reader with a fundamental understanding of this fast expanding field making it a definitive source for professional engineers and researchers and an indispensable reference for senior students in electronic engineering. Topics new to this edition: microwave substrates, multilayer transmission line structures, modern EM tools and techniques, microstrip and planar transmission line design, transmission line theory, substrates for planar transmission lines, Vias, wirebonds, 3D integrated interposer structures, computer-aided design, microstrip and power-dependent effects, circuit models, microwave network analysis, microstrip passive elements, and slotline design fundamentals. The Bible says that YHWH alone is God and that there is none like him—but texts and artwork from antiquity show that many gods looked very similar. In this volume, scholars of the Hebrew Bible and its historical contexts address the problem of YHWH's ancient look-alikes, providing recommendations for how Jews and Christians can think theologically about this challenge. Sooner or later, whether in a religion class or a seminary course, students bump up against the fact that God—the biblical God—was one among other, comparable gods. The ancient world

was full of gods, including great gods of conquering empires, dynastic gods of petty kingdoms, goddesses of fertility, and personal spirit guardians. And in various ways, these gods look like the biblical God. Like the God of the Bible, they, too, controlled the fates of nations, chose kings, bestowed fecundity and blessing, and cared for their individual human charges. They spoke and acted. They experienced wrath and delight. They inspired praise. All of this leaves Jews and Christians in a bind: how can they confess that the God named YHWH was (and is) the true and living God, in view of this God's profound similarities to all these others? The essays in this volume address the theological challenge these parallels create, providing reflections on how Jews and Christians can keep faith in YHWH as God while acknowledging the reality of YHWH's divine doppelgängers. It will be welcomed by undergraduates studying religion; seminarians and graduate students of Bible, theology, and the ancient world; and adult education classes. The "Moonstone" of the title is a large but flawed diamond, looted from India at the time of the Mutiny by an unscrupulous British officer. Many years later, estranged from his family due to his licentious lifestyle, the officer bequeaths the diamond to his sister's daughter, Rachel Verrinder, to be given to her on her 18th birthday. Due to the ill-omens surrounding the gem, this may have been an act of revenge rather than reconciliation. The diamond, it appears, was taken from a statue of the Moon God worshipped by a Hindu cult, and it has long been sought by a group of Brahmins determined to return it to their temple. On the night of the birthday party the gem mysteriously disappears from Rachel's room. While the first suspicions naturally fall on these Indians, they are eventually exculpated. Rachel becomes hysterical and angry when questioned about the theft and refuses to assist the police. Active efforts to assist them are taken up by Rachel's cousin (and sweetheart) Franklin Blake. These efforts simply drive Rachel into further fury, and she becomes completely estranged from him. Suspicion thus falls on her as having some secret reason for wishing to raise money on the diamond. The novel proceeds to slowly uncover the mysteries involved. Published in 1868, The Moonstone is often considered as one of the precursors of

the modern detective novel, though this is a label which would not have been used by its author Wilkie Collins and his contemporaries. While it is true that the plot revolves around the mystery of a theft, and that it features Sergeant Cuff "in the Detective Force of Scotland Yard," the novel is much more about character and relationships than the mere revelation of secrets. It also has a good dose of Collins' humour, as the story is told in large part by eccentric characters such as the old house-steward Gabriel Betteredge who regards Robinson Crusoe as an oracle; and the ultra-religious Miss Clack, determined to convert everyone to her views. Immensely popular at the time of its publication in serial form, *The Moonstone* is rightly considered to be one of Collins' best works, and remains highly regarded today. This book is part of the Standard Ebooks project, which produces free public domain ebooks. "Acknowledgement is the first step in the journey of unpacking the ways our cities are built with systems of power and erasure. True reconciliation requires acknowledgement and acceptance of past injustice. In that journey, we are only at the beginning." *Paved A Way* tells the stories of five neighborhoods in Dallas and how they were shaped by racism and economic oppression. The communities of North Dallas, Deep Ellum, Little Mexico, Tenth Street, and Fair Park look nothing like what they did during their prime, and author Collin Yarbrough argues that their respective declines were intentional-that their foundations were chipped away over time. Systemic oppression is not contained within Dallas-it can be found throughout the United States. As Collin Yarbrough writes in his introduction, "Dallas is its own city, and Dallas is every city." With this book, readers throughout the United States will learn to see how nearby cities were shaped by injustice, and how they can play a role in reversing the process. Harry Collins and Trevor Pinch liken science to the Golem, a creature from Jewish mythology, powerful yet potentially dangerous, a gentle, helpful creature that may yet run amok at any moment. Through a series of intriguing case studies the authors debunk the traditional view that science is the straightforward result of competent theorisation, observation and experimentation. The very well-received first edition generated much debate, reflected in a substantial new Afterword in this

second edition, which seeks to place the book in what have become known as 'the science wars'. Bruce Weber in the *New York Times* called Billy Collins "the most popular poet in America." He is the author of many books of poetry, including, most recently, *The Rain in Portugal: Poems*. In 1988 the University of Arkansas Press published Billy Collins's *The Apple That Astonished Paris*, his "first real book of poems," as he describes it in a new, delightful preface written expressly for this new printing to help celebrate both the Press's twenty-fifth anniversary and this book, one of the Press's all-time best sellers. In his usual witty and dry style, Collins writes, "I gathered together what I considered my best poems and threw them in the mail." After "what seemed like a very long time" Press director Miller Williams, a poet as well, returned the poems to him in the "familiar self-addressed, stamped envelope." He told Collins that there was good work here but that there was work to be done before he'd have a real collection he and the Press could be proud of: "Williams's words were more encouragement than I had ever gotten before and more than enough to inspire me to begin taking my writing more seriously than I had before." This collection includes some of Collins's most anthologized poems, including "Introduction to Poetry," "Another Reason Why I Don't Keep a Gun in the House," and "Advice to Writers." Its success over the years is testament to Collins's talent as one of our best poets, and as he writes in the preface, "this new edition . . . is a credit to the sustained vibrancy of the University of Arkansas Press and, I suspect, to the abiding spirit of its former director, my first editorial father." Employed in a large number of commercial electromagnetic simulation packages, the finite element method is one of the most popular and well-established numerical techniques in engineering. This book covers the theory, development, implementation, and application of the finite element method and its hybrid versions to electromagnetics. *FINITE ELEMENT METHOD FOR ELECTROMAGNETICS* begins with a step-by-step textbook presentation of the finite method and its variations then goes on to provide up-to-date coverage of three dimensional formulations and modern applications to open and closed domain problems. Worked out examples are included to

aid the reader with the fine features of the method and the implementation of its hybridization with other techniques for a robust simulation of large scale radiation and scattering. The crucial treatment of local boundary conditions is carefully worked out in several stages in the book. Sponsored by: IEEE Antennas and Propagation Society. The Deep Mixing Method (DMM), a deep in-situ soil stabilization technique using cement and/or lime as a stabilizing agent, was developed in Japan and in the Nordic countries independently in the 1970s. Numerous research efforts have been made in these areas investigating properties of treated soil, behavior of DMM improved ground under static and d Drawing upon a six-year research project at the Stanford University Graduate School of Business, James C. Collins and Jerry I. Porras took eighteen truly exceptional and long-lasting companies and studied each in direct comparison to one of its top competitors. They examined the companies from their very beginnings to the present day -- as start-ups, as midsize companies, and as large corporations. Throughout, the authors asked: "What makes the truly exceptional companies different from the comparison companies and what were the common practices these enduringly great companies followed throughout their history?" Filled with hundreds of specific examples and organized into a coherent framework of practical concepts that can be applied by managers and entrepreneurs at all levels, Built to Last provides a master blueprint for building organizations that will prosper long into the 21st century and beyond. Handmade Electronic Music: The Art of Hardware Hacking provides a long-needed, practical, and engaging introduction for students of electronic music, installation and sound-art to the craft of making--as well as creatively cannibalizing--electronic circuits for artistic purposes. Designed for practioners and students of electronic art, it provides a guided tour through the world of electronics, encouraging artists to get to know the inner workings of basic electronic devices so they can creatively use them for their own ends. Handmade Electronic Music introduces the basic of practical circuitry while instructing the student in basic electronic principles, always from the practical point of view of an artist. It teaches a style of intuitive and sensual experimentation that has

been lost in this day of prefabricated electronic musical instruments whose inner workings are not open to experimentation. It encourages artists to transcend their fear of electronic technology to launch themselves into the pleasure of working creatively with all kinds of analog circuitry. Dr Francis S. Collins, head of the Human Genome Project, is one of the world's leading scientists, working at the cutting edge of the study of DNA, the code of life. Yet he is also a man of unshakable faith in God. How does he reconcile the seemingly unreconcilable? In THE LANGUAGE OF GOD he explains his own journey from atheism to faith, and then takes the reader on a stunning tour of modern science to show that physics, chemistry and biology -- indeed, reason itself -- are not incompatible with belief. His book is essential reading for anyone who wonders about the deepest questions of all: why are we here? How did we get here? And what does life mean? Co-published with Oxford University Press. This highly technical and thought-provoking book stresses the development of mathematical foundations for the application of the electromagnetic model to problems of research and technology. Features include in-depth coverage of linear spaces, Green's functions, spectral expansions, electromagnetic source representations, and electromagnetic boundary value problems. This book will be of interest graduate-level students in engineering, electromagnetics, physics, and applied mathematics as well as to research engineers, physicists, and scientists. "Co-published with Oxford University Press Long considered the most comprehensive account of electromagnetic theory and analytical methods for solving waveguide and cavity problems, this new Second Edition has been completely revised and thoroughly updated -- approximately 40% new material!Packed with examples and applications FIELD THEORY OF GUIDED WAVES provides solutions to a large number of practical structures of current interest. The book includes an exceptionally complete discussion of scalar and Dyadic Green functions. Both a valuable review and source of basic information on applied mathematical topics and a hands-on source for solution methods and techniques, this book belongs on the desk of all engineers working in microwave and

antenna systems!" Sponsored by: IEEE Antennas and Propagation Society An Instructor's Manual presenting detailed solutions to all the problems in the book is available upon request from the Wiley Marketing Department. The first book to explore the philosophical foundations of labour law in detail, including topics such as the meaning of work, the relationship between employee and employer, and the demands of justice in the workplace. Deep Learning models are at the core of artificial intelligence research today. It is well known that deep learning techniques are disruptive for Euclidean data, such as images or sequence data, and not immediately applicable to graph-structured data such as text. This gap has driven a wave of research for deep learning on graphs, including graph representation learning, graph generation, and graph classification. The new neural network architectures on graph-structured data (graph neural networks, GNNs in short) have performed remarkably on these tasks, demonstrated by applications in social networks, bioinformatics, and medical informatics. Despite these successes, GNNs still face many challenges ranging from the foundational methodologies to the theoretical understandings of the power of the graph representation learning. This book provides a comprehensive introduction of GNNs. It first discusses the goals of graph representation learning and then reviews the history, current developments, and future directions of GNNs. The second part presents and reviews fundamental methods and theories concerning GNNs while the third part describes various frontiers that are built on the GNNs. The book concludes with an overview of recent developments in a number of applications using GNNs. This book is suitable for a wide audience including undergraduate and graduate students, postdoctoral researchers, professors and lecturers, as well as industrial and government practitioners who are new to this area or who already have some basic background but want to learn more about advanced and promising techniques and applications. FOUNDATIONS FOR MICROWAVE ENGINEERING, Second Edition, covers the major topics of microwave engineering. Its presentation defines the accepted standard for both advanced undergraduate and graduate level courses on microwave engineering. An essential reference

book for the practicing microwave engineer, it features: Planar transmission lines, as well as an appendix that describes in detail conformal mapping methods for their analysis and attenuation characteristics Small aperture coupling and its application in practical components such as directional couplers and cavity coupling Printed circuit components with an emphasis on techniques such as even and odd mode analysis and the use of symmetry properties Microwave linear amplifier and oscillator design using solid-state circuits such as varactor devices and transistors FOUNDATIONS FOR MICROWAVE ENGINEERING, Second Edition, has extensive coverage of transmission lines, waveguides, microwave circuit theory, impedance matching and cavity resonators. It devotes an entire chapter to fundamental microwave tubes, in addition to chapters on periodic structures, microwave filters, small signal solid-state microwave amplifier and oscillator design, and negative resistance devices and circuits. Completely updated in 1992, it is being reissued by the IEEE Press in response to requests from our many members, who found it an invaluable textbook and an enduring reference for practicing microwave engineers. Sponsored by: IEEE Antennas and Propagation Society, IEEE Microwave Theory and Techniques Society An Instructor's Manual presenting detailed solutions to all the problems in the book is available upon request from the Wiley Marketing Department. About The Book: The book covers the major topics of microwave engineering. Its presentation defines the accepted standard for both advanced undergraduate and graduate level courses on microwave engineering. It is an essential reference book for the practicing microwave engineer The work-family conflict that mothers experience today is a national crisis. Women struggle to balance breadwinning with the bulk of parenting, and social policies aren't helping. Of all Western industrialized countries, the United States ranks dead last for supportive work-family policies. Can American women look to Europe for solutions? Making Motherhood Work draws on interviews that Caitlyn Collins conducted over five years with 135 middle-class working mothers in Sweden, Germany, Italy, and the United States. She explores how women navigate work and family given the different policy

supports available in each country. Taking readers into women's homes, neighborhoods, and workplaces, Collins shows that mothers' expectations depend on context and that policies alone cannot solve women's struggles. With women held to unrealistic standards, the best solutions demand that we redefine motherhood, work, and family. The seventh edition of this bestselling textbook has been extensively revised and updated to provide a comprehensive and accessible introduction to bilingualism and bilingual education in an everchanging world. Written in a compact and clear style, the book covers all the crucial issues in bilingualism at individual, group and societal levels. Good, No Highlights, No Markup, all pages are intact, Slight Shelfwear, may have the corners slightly dented, may have slight color changes/slightly damaged spine. For over 350 million years, thousands of species of amphibians have lived on earth, but since the 1990s they have been disappearing at an alarming rate, in many cases quite suddenly and mysteriously. What is causing these extinctions? What role do human actions play in them? What do they tell us about the overall state of biodiversity on the planet? In *Extinction in Our Times*, James Collins and Martha Crump explore these pressing questions and many others as they document the first modern extinction event across an entire vertebrate class, using global examples that range from the Sierra Nevada of California to the rainforests of Costa Rica and the Mediterranean coast of North Africa. Joining scientific rigor and vivid storytelling, this book is the first to use amphibian decline as a lens through which to see more clearly the larger story of climate change, conservation of biodiversity, and a host of profoundly important ecological, evolutionary, ethical, philosophical, and sociological issues. From Jim Collins, the most influential business thinker of our era, comes an ambitious upgrade of his classic, *Beyond Entrepreneurship*, that includes all-new findings and world-changing insights. What's the roadmap to create a company that not only survives its infancy but thrives, changing the world for decades to come? Nine years before the publication of his epochal bestseller *Good to Great*, Jim Collins and his mentor, Bill Lazier, answered this question in their bestselling book, *Beyond Entrepreneurship*. *Beyond*

Entrepreneurship left a definitive mark on the business community, influencing the young pioneers who were, at that time, creating the technology revolution that was birthing in Silicon Valley. Decades later, successive generations of entrepreneurs still turn to the strategies outlined in *Beyond Entrepreneurship* to answer the most pressing business questions. *BE 2.0* is a new and improved version of the book that Jim Collins and Bill Lazier wrote years ago. In *BE 2.0*, Jim Collins honors his mentor, Bill Lazier, who passed away in 2005, and reexamines the original text of *Beyond Entrepreneurship* with his 2020 perspective. The book includes the original text of *Beyond Entrepreneurship*, as well as four new chapters and fifteen new essays. *BE 2.0* pulls together the key concepts across Collins' thirty years of research into one integrated framework called *The Map*. The result is a singular reading experience, which presents a unified vision of company creation that will fascinate not only Jim's millions of dedicated readers worldwide, but also introduce a new generation to his remarkable work. *The Challenge Built to Last*, the defining management study of the nineties, showed how great companies triumph over time and how long-term sustained performance can be engineered into the DNA of an enterprise from the very beginning. But what about the company that is not born with great DNA? How can good companies, mediocre companies, even bad companies achieve enduring greatness? The *Study For* years, this question preyed on the mind of Jim Collins. Are there companies that defy gravity and convert long-term mediocrity or worse into long-term superiority? And if so, what are the universal distinguishing characteristics that cause a company to go from good to great? The *Standards Using* tough benchmarks, Collins and his research team identified a set of elite companies that made the leap to great results and sustained those results for at least fifteen years. How great? After the leap, the good-to-great companies generated cumulative stock returns that beat the general stock market by an average of seven times in fifteen years, better than twice the results delivered by a composite index of the world's greatest companies, including Coca-Cola, Intel, General Electric, and Merck. The *Comparisons* The research team contrasted the good-to-great companies

with a carefully selected set of comparison companies that failed to make the leap from good to great. What was different? Why did one set of companies become truly great performers while the other set remained only good? Over five years, the team analyzed the histories of all twenty-eight companies in the study. After sifting through mountains of data and thousands of pages of interviews, Collins and his crew discovered the key determinants of greatness -- why some companies make the leap and others don't. The Findings The findings of the Good to Great study will surprise many readers and shed light on virtually every area of management strategy and practice. The findings include: Level 5 Leaders: The research team was shocked to discover the type of leadership required to achieve greatness. The Hedgehog Concept (Simplicity within the Three Circles): To go from good to great requires transcending the curse of competence. A Culture of Discipline: When you combine a culture of discipline with an ethic of entrepreneurship, you get the magical alchemy of great results. Technology Accelerators: Good-to-great companies think differently about the role of technology. The Flywheel and the Doom Loop: Those who launch radical change programs and wrenching restructurings will almost certainly fail to make the leap. "Some of the key concepts discerned in the study," comments Jim Collins, "fly in the face of our modern business culture and will, quite frankly, upset some people." Perhaps, but who can afford to ignore these findings? First Things First is a college coursebook like no other. Written by three First Amendment experts and professors, the book provides students with the fundamentals of modern American free speech law in a clear, concise, and accessible manner. First Things First also introduces readers to First Amendment issues related to topics such as student speech, freedom of the press, civil rights, LGBTQ rights, advertising, music censorship, and artificial intelligence. The text includes scores of audio and video links, photographs, and helpful study-aid summaries and questions. First Things First's vibrant and engaging tone ensures readers will leave this book with a dynamic understanding of their rights and the value of free speech. "First Things First sets the standard for teaching free speech law.... It combines clearly-written case narratives with

frequent excursions to a rich trove of other online material—including video and audio files—that provide additional legal and historical context." —Stephen D. Solomon (founding editor, First Amendment Watch) "With admirable clarity and brevity, First Things First covers the field of First Amendment law and theory in a readable and accessible way.... This innovative book explains not just the fundamentals of First Amendment law, but how we got to where we are, and why." —Robert Corn-Revere (First Amendment lawyer) First Things First is a welcome addition to the course materials for students studying law, journalism, history, political science, government and a host of other disciplines. —Lucy A. Dalglish, dean and professor, Philip Merrill College of Journalism, University of Maryland First Things First is an incredibly insightful and inviting introduction to U.S. speech and press law. Its approach makes its content completely accessible to beginner and expert alike. But even better, its scores of online links to additional layers of material—including streaming audio and video—make this narrative and case-oriented resource like no other. In addition to teaching the law, the various elements help to reveal what it means to live in a free speech society. First Things First is made for the 21st century student—and professor. —Joseph Russomanno, Associate Professor, Arizona State University The concept of intersectionality has become a central topic in academic and activist circles alike. But what exactly does it mean, and why has it emerged as such a vital lens through which to explore how social inequalities of race, class, gender, sexuality, age, ability, and ethnicity shape one another? In this fully revised and expanded second edition of their popular text, Patricia Hill Collins and Sirma Bilge provide a much-needed introduction to the field of intersectional knowledge and praxis. Analyzing the emergence, growth, and contours of the concept of intersectionality, the authors also consider its global reach through an array of new topics such as the rise of far-right populism, reproductive justice, climate change, and digital environments and cultures. Accessibly written and drawing on a plethora of lively examples to illustrate its arguments, the book highlights intersectionality's potential for understanding complex architecture of social and economic

inequalities and bringing about social justice-oriented change. Intersectionality will be an invaluable resource for anyone grappling with the main ideas, debates, and new directions in this field. Now in a completely revised, updated, and enlarged Second Edition, *Small Antennas in Portable Devices* reviews recent significant theoretical and practical developments in the electrically small antenna area. Examining

antenna designs that work as well as those that have limitations, this new edition provides practicing engineers and upper level and graduate students with new information on: work on improving bandwidth using spherical helix dipoles; work on electromagnetically coupled structures; exact derivation of the Q for electrically small antennas for both the TE and TM modes; and a new simplified Q formula.