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### KEY=ION - BRAIDEN KENDRICK

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**Samsung Galaxy S9 For Dummies** [John Wiley & Sons](#) The bestselling guide to getting the most out of your Android Samsung Galaxy S9 Samsung Galaxy S9 For Dummies documents all the features and capabilities of this popular smartphone, approaching them from the point of view of a user who is perhaps a bit baffled by the documentation and online support that comes with the phone. All aspects of the device are covered, from setup and configuration, to extensive use of the new features and capabilities. Whether you're looking for approachable guidance on the basics like texting, e-mailing, and accessing the internet, or more advanced topics like downloading apps, synching with a PC, and expanding the phone's potential with new software releases, this trusted resource covers it all. Take pictures, watch movies, and record videos Use maps and navigation Stay connected on social networking sites Make sense of software updates You'll want to keep this book close by, referring to it often as you explore the features and functions of your new Samsung Galaxy S9 smartphone. **Samsung Galaxy S10 For Dummies** [John Wiley & Sons](#) The bestselling guide to your new Samsung This book documents all the features and capabilities of Samsung Galaxy S10 device, approaching them from the point of view of a user who is intimidated by the technology and baffled by the documentation and online support that comes with the phones. All aspects of the suite of devices are covered, from setup and configuration, to extensive use of the phone features and capabilities: texting, e-mailing, accessing the Internet, maps, navigation, camera and video, social networking, taking pictures, watching movies, downloading apps, synching with a PC, and expanding the phone's potential with new software releases. The accessible and fun writing style provides clear direction and doesn't hinder the book's important content and coverage. Readers will keep this book close by, referring to it often as they explore the features of their new Samsung Galaxy S10 smartphone. Navigate your phone Use mobile data technology Send and receive messages Have fun with apps If you're baffled by the documentation and online support that comes with your phone, your solution is here! **Samsung Galaxy S6 for Dummies** [John Wiley & Sons](#) Explore the capabilities of your Samsung Galaxy S 6 with this definitive guide! Learning to use a new phone can be both difficult and frustrating. With confusing documentation and baffling support, the references provided by phone manufacturers can be intimidating. Enter Samsung Galaxy S 6 For Dummies! This extensive yet practical guide walks you through the most useful features of your new Samsung Galaxy S 6—and it shows you all the best tricks to getting the most out of your device. With an accessible and fun, yet informative writing style, this is a text that you'll refer to again and again as you explore the capabilities of your new smartphone! Samsung is the largest phone manufacturer in the world, so it's no wonder that its flagship smartphone products—the Galaxy S line—have made quite a splash. Built around the Android operating system, the Galaxy S 6 is so much more than a phone, it is a mobile device with endless capabilities, so why not explore and use that functionality? Set up and configure your new smartphone to fit your needs and preferences Review the phone's features and capabilities Access key functionality, such as texting, emailing, accessing the internet, using navigation, capturing photos and videos, social networking, watching movies, downloading apps, securing and synching your phone with your PC Expand the capabilities of your Samsung Galaxy S 6 by downloading new software upgrades **Samsung Galaxy S 6 For Dummies** clearly explains the features and capabilities of your new phone—and will have you up and running on your smartphone in no time! **Samsung Galaxy S8 For Dummies** [John Wiley & Sons](#) Get the most out of your Samsung Galaxy S8 smartphone! Whether you're seasoned in all things Samsung or get seized up at the thought of learning new technology, this no-nonsense guide makes it fast, easy, and fun to unlock everything your Galaxy S8 has to offer. Starting with the basics, like setup and configuration, and moving on to more advanced topics, like expanding your phone's potential with new software releases, it leaves no stone unturned — offering you the clear and thorough guidance you need to make the most out of every feature and capability available in the Galaxy S8. There's a reason Samsung dominates the smartphone market — they design and manufacture an undeniably awesome product, and they just keep getting better with each new release. From texting, emailing, and accessing the Internet to taking pictures, watching movies, and downloading apps, the instruction provided in Samsung Galaxy S8 For Dummies will help you become a Samsung samurai in a snap! Use your S8 to stay in touch with calls, text, social media, and email Offers step-by-step instructions for personalizing and securing your phone Helps you troubleshoot common problem Have fun downloading games and apps, watching videos, taking photos, and much more Now get your Galaxy S8 out of its box and keep this book close by — things are about to get really fun! **Samsung Galaxy S 4 For Dummies** [John Wiley & Sons](#) Explore a world of possibilities with your Samsung Galaxy S 4smartphone Everything's more exciting when you've got theGalaxy in your hand. Let For Dummies be your guide togetting the most out of your Galaxy S 4. You'll cruisethrough the smartphone basics and set up process before moving onto the fun stuff like staying in touch with e-mail and texting,surfing the web, navigating with maps, shooting and sharing photosand video, watching movies, listening to music, and so much more.Whether you're entering the smartphone world for the firsttime or just moving up to the Galaxy S 4, you'll stay oncourse with this one-of-a-kind reference. Provides easy-to-understand advice to help you find your wayaround your Galaxy S 4 smartphone, get to know all the built-infeatures, and start making calls Explains the Galaxy S 4 features using full-color screenshotsand images and step-by-step instructions on accessing the Internet,sending and receiving e-mail, texting, taking photos, recordingvideos, downloading apps, managing your calendar, and organizingyour contacts Shows you easy ways to customize your Galaxy S 4 for your needswith cool apps and accessories You'll experience the world in a whole new way withthis spectacular smartphone and Samsung Galaxy S 4 ForDummies by your side! **Samsung ARTIK Reference The Definitive Developers Guide** [Apress](#) Provides a professional-level reference to the Samsung ARTIK API, as well as to other aspects of interest to developers such as the file systems, the operating system internals, various available interfaces, input/output, and the hardware itself. This is the perfect book for experienced programmers and developers who want to jump in and work with Samsung's new ARTIK product line to create Internet of Things devices and applications. It is also a perfect follow-up resource for new-to-the-field developers who are just getting past the beginning stages of learning the ARTIK. Samsung ARTIK Reference begins with a concise overview of the hardware and the various developer reference boards that are available. Attention then shifts to operating system internals, modes such as sleep and startup, and the various file systems and their parameters that are available for developers to adjust. Also included is a reference of API calls, guidance on input and output, documentation of serial, audio, graphic, and other interfaces. There is extensive reference to online resources with annotation and commentary guiding the learning process in many directions for further study. **What You Will Learn** Install the ARTIK toolkit and prepare to develop Manipulate the inner workings of the ARTIK operating system Look up and refer to details of the ARTIK API specification Perform input and output over the peripheral interface buses Build embeddable applications in support of IoT devices Embed the ARTIK modules into your own hardware products **Who This Book Is For** Samsung ARTIK Reference is for experienced developers wanting to understand and begin working with ARTIK. The book is especially of interest to those wishing to interact with ARTIK modules from within their own applications and web services. **Batteries in a Portable World A Handbook on Rechargeable Batteries for Non-engineers** [Ec & M Books](#) ColdFusion Presents: New Thinking From Einstein to Artificial Intelligence, the Science and Technology That Transformed Our World [Mango Media Inc.](#) The creator of YouTube's ColdFusion explores the development of technology from Industrial Revolution to Artificial Intelligence to figure out what's next. As each new stage of technology builds on the last, advancements start to progress at an exponential rate. In order to know where we're headed, it's essential to know how we got here. What hidden stories lie behind the technology we use today? What drove the men and women who invented it? What were those special moments that changed the world forever? Dagogo Altraide explores these questions in a history of human innovation that reveals how new technologies influence each other, how our modern world came to be, and what future innovations might look like. From the electric world of Tesla and the steam engine revolution to the first computers, the invention of the internet, and the rise of artificial intelligence, New Thinking tells the stories of the men and women who changed our world with the power of new thought. **Samsung Galaxy S20 For Dummies** [John Wiley & Sons](#) Get the most out of the powerful new Samsung Galaxy S20 With its superfast refresh rate for seamless browsing and spectacularly enhanced camera—among many other goodies—there's a lot to enjoy about your sleek new Samsung S20. Whether you're a Samsung newbie or an upgrading customer, Samsung Galaxy S20 for Dummies is the perfect guide to the latest generation. From the basics, like setup and security, to the fun, like the supercool Single Take mode, this book has you covered from the moment you take your new smartphone out of its shiny new box. Want to watch movies? Navigate your way around with GPS? Say hello to family and friends on social media? All the easy-to-follow tips and tricks that make it fast and fun are pages away! Configure and personalize your new phone Get going with the best features, apps, and games Shoot eye-popping photo and video with 30x zoom and nighttime mode Sync with your other devices Whatever you want to use it for gaming with friends, in-app conferencing or emailing for work, shooting home movies, sending witty Tweets—or even making phone calls—this friendly, no-nonsense how-to is the best guide to your galaxy. Enjoy! **Consumers Guide to Cell Phones and Wireless Service Plans** [Gulf Professional Publishing](#) Consumers can be overwhelmed by the myriad wireless options available. This book outlines the six steps of shopping for a wireless service. It then provides a miniguide with reviews of the wireless carriers and options available. It is the only book that is both a comprehensive guide and a source for answers to all of the consumer's questions. **Batteries and Supercapacitors Aging** [MDPI](#) Electrochemical energy storage is a key element of systems in a wide range of sectors, such as electro-mobility, portable devices, and renewable energy. The energy storage systems (ESSs) considered here are batteries, supercapacitors, and hybrid components such as lithium-ion capacitors. The durability of ESSs determines the total cost of ownership, the global impacts (lifecycle) on a large portion of these applications and, thus, their viability. Understanding ESS aging is a key to optimizing their design and usability in terms of their intended applications. Knowledge of ESS aging is also essential to improve their dependability (reliability, availability, maintainability, and safety). This Special Issue includes 12 research papers and 1 review article focusing on battery, supercapacitor, and hybrid capacitor aging. **Lifetime Prediction and Simulation Models of Different Energy Storage Devices** [MDPI](#)

Energy storage is one of the most important enablers for the transformation to a sustainable energy supply with greater mobility. For vehicles, but also for many stationary applications, the batteries used for energy storage are very flexible but also have a rather limited lifetime compared to other storage principles. This Special Issue is a collection of articles that collectively address the following questions: What are the factors influencing the aging of different energy storage technologies? How can we extend the lifetime of storage systems? How can the aging of an energy storage be detected and predicted? When do we have to exchange the storage device? The articles cover lithium-ion batteries, supercaps, and flywheels. Encyclopedia of Mobile Phone Behavior [IGI Global](#) The rise of mobile phones has brought about a new era of technological attachment as an increasing number of people rely on their personal mobile devices to conduct their daily activities. Due to the ubiquitous nature of mobile phones, the impact of these devices on human behavior, interaction, and cognition has become a widely studied topic. The Encyclopedia of Mobile Phone Behavior is an authoritative source for scholarly research on the use of mobile phones and how these devices are revolutionizing the way individuals learn, work, and interact with one another. Featuring exhaustive coverage on a variety of topics relating to mobile phone use, behavior, and the impact of mobile devices on society and human interaction, this multi-volume encyclopedia is an essential reference source for students, researchers, IT specialists, and professionals seeking current research on the use and impact of mobile technologies on contemporary culture. The Graphene Handbook (2019 Edition) [Lulu.com](#) Direct Alcohol Fuel Cells Materials, Performance, Durability and Applications [Springer Science & Business Media](#) Direct Alcohol Fuel Cells: Materials, Performance, Durability and Applications begins with an introductory overview of direct alcohol fuel cells (DAFC); it focuses on the main goals and challenges in the areas of materials development, performance, and commercialization. The preparation and the properties of the anodic catalysts used for the oxidation of methanol, higher alcohols, and alcohol tolerant cathodes are then described. The membranes used as proton conductors in DAFC are examined, as well as alkaline membranes, focusing on the electrical conductivity and alcohol permeability. The use of different kinds of carbon materials as catalyst supports, gas diffusion layers, and current collectors in DAFC is also discussed. State of the art of the modeling is used to estimate performance and durability. The closing chapter reviews the use of DAFC in portable equipment and mobile devices and features a detailed discussion on the mechanisms of component degradation which limits their durability. This book is written to facilitate the understanding of DAFC technology, applications, and future challenges. It is an excellent introduction for electrochemical and material engineers interested in small fuel cells as portable energy sources, scientists focused on materials science for energy production and storage, as well as policy-makers in the area of renewable energies. Mastering Samsung Galaxy Galaxy S10e, S10, S10 Plus Ultimate User Guide [Adidas Wilson](#) The Samsung Galaxy S10 is set to be revealed on February 20. This is based on reports about any new features, the specs, the number of variants of the device, and hardware design upgrades. According to reports, there will be four variants of the S10; Galaxy S10 X, Galaxy S10+, Galaxy S10, and Galaxy S10 Lite. The Galaxy S10 X will have 5G connectivity so it will most likely be launched only where there are 5G networks. Each of the Galaxy S10 series phones will have a different display size. The S10 X is expected to have a huge amount of RAM. There are not enough details about the specs but there is little information about display sizes. Samsung is likely to use the Snapdragon 855, Qualcomm's latest chipset in the flagship phones. Lithium-Ion Batteries Advances and Applications [Newnes](#) Lithium-Ion Batteries features an in-depth description of different lithium-ion applications, including important features such as safety and reliability. This title acquaints readers with the numerous and often consumer-oriented applications of this widespread battery type. Lithium-Ion Batteries also explores the concepts of nanostructured materials, as well as the importance of battery management systems. This handbook is an invaluable resource for electrochemical engineers and battery and fuel cell experts everywhere, from research institutions and universities to a worldwide array of professional industries. Contains all applications of consumer and industrial lithium-ion batteries, including reviews, in a single volume Features contributions from the world's leading industry and research experts Presents executive summaries of specific case studies Covers information on basic research and application approaches Energy and Motorization in the Automotive and Aeronautics Industries [John Wiley & Sons](#) The book is intended for students in engineering school or university, young engineers or newcomers in the automotive industry or aeronautics. The objective is to describe in a simple and clear way the problem of energy and motorization for the automobile, helicopters or airplanes. The front-end treatment of these industrial sectors makes it possible to analyze in an original way the similarities and differences of these different means of transport. For this, and based on current technologies and tomorrow, it specifically describes the problem of the energy requirement of cars and aircraft. The result is a search for an ideal motorization associated with the behavior of these different means of transport followed by the analysis of the performances of the various types of engines by covering gas turbines, internal combustion engines and electric motors. Transmission elements such as aerospace gearboxes or gearboxes are described as well as a chapter on energy storage means and their performance including batteries, supercapacitors, inertial or pneumatic storage, hydrogen or fuels from fossil fuels. A final chapter shows the interest and prospects of energy hybridization and electrification for the progressive replacement of fossil fuels. Beyond the technological descriptions, the book focuses on proposing basic sizing rules in order to justify certain performances and to give the reader the means to appropriate the basic know-how of these industrial sectors. Lithium-Ion Batteries and Applications: A Practical and Comprehensive Guide to Lithium-Ion Batteries and Arrays, from Toys to Towns, Volume 2, Applications [Artech House](#) This comprehensive, two-volume resource provides a thorough introduction to lithium ion (Li-ion) technology. Readers get a hands-on understanding of Li-ion technology, are guided through the design and assembly of a battery, through deployment, configuration and testing. The book covers dozens of applications, with solutions for each application provided. Volume Two focuses on small batteries in consumer products and power banks, as well as large low voltage batteries in stationary or mobile house power, telecom, residential, marine and microgrid. Traction batteries, including passenger, industrial, race vehicles, public transit, marine, submarine and aircraft are also discussed. High voltage stationary batteries grid-tied and off-grid are presented, exploring their use in grid quality, arbitrage and back-up, residential, microgrid, industrial, office buildings. Finally, the book explores what happens when accidents occur, so readers may avoid these mistakes. Written by a prominent expert in the field and packed with over 500 illustrations, these volumes contain solutions to practical problems, making it useful for both the novice and experienced practitioners. Electric Cars For Dummies [John Wiley & Sons](#) Drive into the 21st century in an electric car With falling cost of ownership, expanded incentives for purchasing, and more model and body type options than ever, it may finally be time to retire the old gas-guzzler and dive into the world of electric car ownership. Electric Cars For Dummies is your guide to becoming lightning powered, reducing your carbon footprint, and saving money on gas while you do it. This book teaches you how to select the battery-charged vehicle that fits your need and budget. It also offers insight into how to maintain your electric car, including answering all your questions about charging your vehicle. Calculate the total cost of ownership, prep your home to become one huge charger, and demystify the battery, the tune-ups and more. Learn the difference in cost of ownership and emissions between electric and gas-powered vehicles Explore your options and find an electric car that fits in your budget Know when and how to charge your vehicle, and what kind of maintenance it needs Figure out how to charge your car on the go This is the perfect book for new and would-be electric car owners looking for guidance on buying and maintaining one of these super sleek machines. How to Do Everything Samsung Galaxy Tab [McGraw Hill Professional](#) Get the most out of your Samsung GALAXY Tab At last--a tablet that puts the power of a full computer right in your hands! This hands-on guide shows you how to tap into your Galaxy Tab's full range of business productivity and entertainment features. How to Do Everything: Samsung GALAXY Tab teaches you how to connect to wireless networks, sync data with your PC or Mac, browse the Web, use e-mail, and much more. Harness the power of the Android operating system, maximize the built-in and third-party applications, and maintain and troubleshoot your Galaxy Tab with help from this practical, time-saving resource. set up, navigate, and customize your Galaxy Tab Connect seamlessly to as many wireless networks as you need Synchronize your Galaxy Tab with your PC or Mac using Samsung Kies Play movies on your Galaxy Tab or your TV Take photos and videos and share them online and offline Check e-mail, communicate with instant messaging, and browse the Web from anywhere Keep up with your social networks on the go Read e-books and PDFs in the palm of your hand Navigate easily with Google Maps Install and use versatile applications from the Android Market Troubleshoot, maintain, and secure your Galaxy Tab Connect to your work network via virtual private networking Official Gazette of the United States Patent and Trademark Office Patents Popular Photography Smartphone Energy Consumption Modeling and Optimization [Cambridge University Press](#) Get the key measurement, modeling, and analytical tools for developing energy-aware and efficient systems and applications with this practical guide. Intelligent Control in Energy Systems [MDPI](#) The editors of this Special Issue titled "Intelligent Control in Energy Systems" have attempted to create a book containing original technical articles addressing various elements of intelligent control in energy systems. In response to our call for papers, we received 60 submissions. Of those submissions, 27 were published and 33 were rejected. In this book, we offer the 27 accepted technical articles as well as one editorial. Authors from 15 countries (China, Netherlands, Spain, Tunisia, United States of America, Korea, Brazil, Egypt, Denmark, Indonesia, Oman, Canada, Algeria, Mexico, and the Czech Republic) elaborate on several aspects of intelligent control in energy systems. The book covers a broad range of topics including fuzzy PID in automotive fuel cell and MPPT tracking, neural networks for fuel cell control and dynamic optimization of energy management, adaptive control on power systems, hierarchical Petri Nets in microgrid management, model predictive control for electric vehicle battery and frequency regulation in HVAC systems, deep learning for power consumption forecasting, decision trees for wind systems, risk analysis for demand side management, finite state automata for HVAC control, robust  $\mu$ -synthesis for microgrids, and neuro-fuzzy systems in energy storage. Encyclopedia of Electrochemical Power Sources [Newnes](#) The Encyclopedia of Electrochemical Power Sources is a truly interdisciplinary reference for those working with batteries, fuel cells, electrolyzers, supercapacitors, and photo-electrochemical cells. With a focus on the environmental and economic impact of electrochemical power sources, this five-volume work consolidates coverage of the field and serves as an entry point to the literature for professionals and students alike. Covers the main types of power sources, including their operating principles, systems, materials, and applications Serves as a primary source of information for electrochemists, materials scientists, energy technologists, and engineers Incorporates nearly 350 articles, with timely coverage of such topics as environmental and sustainability considerations High Energy Density Lithium Batteries Materials, Engineering, Applications [John Wiley & Sons](#) Materials Engineering for High Density Energy Storage provides first-hand knowledge about the design of safe and powerful batteries and the methods and approaches for enhancing the performance of next-generation batteries. The book explores how the innovative approaches currently employed, including thin films, nanoparticles and nanocomposites, are paving new ways to performance improvement. The topic's tremendous application potential will appeal to a broad audience, including materials scientists, physicists, electrochemists, libraries, and graduate students. How Green Are the Gorons? Liberal Propaganda out of Control [iUniverse](#) Al Gore and the liberal left would have you believe the world is in an energy crisis. They would have you believe that only alternative energies green energies will save us from this crisis and the world from self-destruction. Gerald Westbrook has a rebuttal. Westbrook spent his career in the energy field, working with a wide variety of energy sources that have proved their efficacy, if only the Gorons would quiet down for a second. How Green Are the Gorons?: Liberal Propaganda Out of Control is an in-depth review of our country's energy situation, written by an informed man who has been there and seen that. Westbrook discusses the research behind global warming. Pulling from his extensive experience, he provides comments and examples on key American energy sources. He would argue that it is much too soon to enter into a carbon-free world! Its also much too soon to panic. The Goron propaganda has convinced the country that we are in crisis. The current podium propaganda is so loud that it operates at the level of a nationwide white noise, blocking out analysis and debate. By utilizing our energy sources including fossil fuels in a cost-effective way, our energy situation will be manageable. The Hidden Inheritance [Xlibris Corporation](#) The consequences of drug use, whether illicit or prescribed. Consequences that can be enduring, lifelong, even carry through generations. Yet few of us have the time to consider them as we live in the heat of our own daily lives. I have seen this in action,

watched events while they happened, seen it unfold, lived through the results, and unfortunately am observing the ongoing calamities of it all, still today. It is not fun to watch but not mine to fix. I was and am an observer, a recorder, merely that, out of the action, incapable of altering the results. My wife made a great point on this novel's subject. Drug use she said is a leveler. It brings people down to the lowest common denominator. What a concept! How right on is that statement! Drugs affect the rich, the poor, the famous, and the infamous in every country and nationality on this earth. If you are on the upscale end drugs keep you there. The user's life contribution to humanity is likely to be nothing, but the cost to the user, their family and friends in physical, emotional, and fiscal terms expensive and of course dangerous, because it may also kill you. I have put these observations into this novel hoping that readers can identify with the characters, watch them grow and suffer through the consequences of their actions unaware of the effect of their lives and on others. Official Gazette of the United States Patent and Trademark Office Patents Electric Trucks A History of Delivery Vehicles, Semis, Forklifts and Others [McFarland](#) Welcomed at end of the 19th century as the solution to the severe problem of horse manure in city streets, electric trucks soon became the norm for short-haul commercial deliveries. Though reliable, they were gradually replaced by gasoline-powered trucks for long-haul deliveries—although a fleet of electric milk trucks survived in Great Britain into the 1960s. Industrial electric vehicles never disappeared from factories and ports. During the past decade, with the availability of the lithium-ion battery, the electric truck is back on the road for all payloads and all distances. The fourth in a series covering the history and future of electric transport, this book chronicles the work of the innovative engineers who perfected e-trucks large and small. Meeting Abstracts Lithium-Ion Batteries [The Electrochemical Society](#) Advances in Interdisciplinary Engineering Select Proceedings of FLAME 2020 [Springer Nature](#) This book comprises the select proceedings of the International Conference on Future Learning Aspects of Mechanical Engineering (FLAME) 2020. This volume focuses on several emerging interdisciplinary areas involving mechanical engineering. Some of the topics covered include automobile engineering, mechatronics, applied mechanics, structural mechanics, hydraulic mechanics, human vibration, biomechanics, biomedical instrumentation, ergonomics, biodynamic modeling, nuclear engineering, and agriculture engineering. The contents of this book will be useful for students, researchers as well as professionals interested in interdisciplinary topics of mechanical engineering. HWM Singapore's leading tech magazine gives its readers the power to decide with its informative articles and in-depth reviews. PC Mag [PCMag.com](#) is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology. Lithium-Ion Batteries Latest Advances and Prospects [MDPI](#) Lithium-ion batteries (LIBs), as a key part of the 2019 Nobel Prize in Chemistry, have become increasingly important in recent years, owing to their potential impact on building a more sustainable future. Compared with other batteries developed, LIBs offer high energy density, high discharge power, and a long service life. These characteristics have facilitated a remarkable advance of LIBs in many frontiers, including electric vehicles, portable and flexible electronics, and stationary applications. Since the field of LIBs is advancing rapidly and attracting an increasing number of researchers, it is necessary to often provide the community with the latest updates. Therefore, this book was designed to focus on updating the electrochemical community with the latest advances and prospects on various aspects of LIBs. The materials presented in this book cover advances in several fronts of the technology, ranging from detailed fundamental studies of the electrochemical cell to investigations to better improve parameters related to battery packs. Lithium and Lithium-ion Batteries Proceedings of the International Symposium [The Electrochemical Society](#) Lithium-Ion Batteries and Applications: A Practical and Comprehensive Guide to Lithium-Ion Batteries and Arrays, from Toys to Towns, Volume 1, Batteries [Artech House](#) This comprehensive, two-volume resource provides a thorough introduction to lithium ion (Li-ion) technology. Readers get a hands-on understanding of Li-ion technology, are guided through the design and assembly of a battery, through deployment, configuration and testing. The book covers dozens of applications, with solutions for each application provided. Volume One focuses on the Li-ion cell and its types, formats, and chemistries. Cell arrangements and issues, including series (balance) and parallel (fusing, inrush current) are also discussed. Li-ion Battery Management Systems are explored, focusing on types and topologies, functions, and selection. Battery design, assembly, deployment, troubleshooting and repair are also discussed, along with modular batteries, split batteries and battery arrays. Written by a prominent expert in the field and packed with over 500 illustrations, these volumes contain solutions to practical problems, making it useful for both the novice and experienced practitioners. Managers and the Legal Environment: Strategies for Business [Cengage Learning](#) With new cases and examples from headlines, MANAGERS AND THE LEGAL ENVIRONMENT: STRATEGIES FOR BUSINESS, 9E equips readers with the legal knowledge and risk management techniques for success as a business manager. Cutting-edge coverage and a strategic approach teach how to enhance realizable value, redeploy resources, and manage legal and business risk. Up-to-date coverage addresses the rights of workers at firms, like Uber, in the gig economy; the right of employers to restrict employees' social media; ethics of compensating workers who are tipped; law to protect children's safety on the Internet; Fourth Amendment concerns in searches of cell location; rules governing crowdfunding; and the ramifications of the EU's "right to be forgotten." Readers learn to use legal tools to create value, attain business objectives, resolve legal issues, and handle legal disputes. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.