

Ew 101 A First Course In Electronic Warfare Artech House Radar Library Hardcover

The struggle is real. Nick Stahlnecker is eighteen and not ready to grow up yet. He has a summer job, a case of existential panic, and a hopeless crush on the unattainable Jai Hazenbrook. Except how do you know that your coworker's unattainable unless you ask to blow him in the porta-potty? That's probably not what Dad meant when he said Nick should act more like an adult. Twenty-five-year-old Jai is back in his hometown of Franklin, Ohio, just long enough to earn the money to get the hell out again. His long-term goal of seeing more of the world is worth the short-term pain of living in his mother's basement, but only barely. Meeting Nick doesn't fit in with Jai's plans at all, but, as Jai soon learns, you don't have to travel halfway around the world to have the adventure of a lifetime. This is not a summer romance. This is a summer friendship-with-benefits. It's got pizza with disgusting toppings, Netflix and chill, and accidental exhibitionism. That's all. There are no feelings here. None. Shut up.

A comprehensive handbook for leading a successful nonprofit This handbook can educate and empower a whole generation of nonprofit leaders and professionals by bringing together top experts in the field to share their knowledge and wisdom gained through experience. This book provides nonprofit professionals with the conceptual frameworks, practical knowledge, and concise guidance needed to succeed in the social sector. Designed as a handbook, the book is filled with sage advice and insights from a variety of trusted experts that can help nonprofit professionals prepare to achieve their organizational and personal goals, develop a better understanding of what they need to do to lead, support, and grow an effective organization. Addresses a wealth of topics including fundraising, Managing Technology, Marketing, Finances, Advocacy, Working with Boards Contributors are noted nonprofit experts who define the core capabilities needed to manage a successful nonprofit Author is the former Executive Director of Craigslist Foundation This important resource offers professionals key insights that will have a direct impact on improving their daily work.

More than three decades after its first publication, Edward Said's groundbreaking critique of the West's historical, cultural, and political perceptions of the East has become a modern classic. In this wide-ranging, intellectually vigorous study, Said traces the origins of

"orientalism" to the centuries-long period during which Europe dominated the Middle and Near East and, from its position of power, defined "the orient" simply as "other than" the occident. This entrenched view continues to dominate western ideas and, because it does not allow the East to represent itself, prevents true understanding. Essential, and still eye-opening, *Orientalism* remains one of the most important books written about our divided world.

This comprehensive book gives an overview of how cognitive systems and artificial intelligence (AI) can be used in electronic warfare (EW). Readers will learn how EW systems respond more quickly and effectively to battlefield conditions where sophisticated radars and spectrum congestion put a high priority on EW systems that can characterize and classify novel waveforms, discern intent, and devise and test countermeasures. Specific techniques are covered for optimizing a cognitive EW system as well as evaluating its ability to learn new information in real time. The book presents AI for electronic support (ES), including characterization, classification, patterns of life, and intent recognition. Optimization techniques, including temporal tradeoffs and distributed optimization challenges are also discussed. The issues concerning real-time in-mission machine learning and suggests some approaches to address this important challenge are presented and described. The book covers electronic battle management, data management, and knowledge sharing. Evaluation approaches, including how to show that a machine learning system can learn how to handle novel environments, are also discussed. Written by experts with first-hand experience in AI-based EW, this is the first book on in-mission real-time learning and optimization.

The fifth book in the bestselling Artech House EW 100 series explores electronic warfare (EW) in space. Practical problems – including intercept and jamming of hostile signals transmitted from the Earth's surface and the vulnerability of satellite links to attack from the Earth's surface are discussed. Spherical trigonometry is covered to provide the background necessary to understand the scope of satellite problems. Orbit mechanics, specifically the way the Earth and its satellites revolve around one another, is also explained. The basics of radio propagation and how it applies to communications Electronic Warfare are demonstrated, as well as the special considerations that apply to radio transmission to and from an Earth satellite. Satellite links and link vulnerability are discussed. Readers learn how to calculate the distance over which a satellite can view as a function of its orbital parameters, how long the satellite can see that point, and the frequency shift in signals received by the satellite or an Earth based receiver.

EW applications of orbit mechanics, satellite links, radio propagation and link vulnerability. Written by an expert in the field, this book is useful for technical and non-technical professionals.

Ew 104

Introduction to Radar Using Python and MATLAB

A First Course in Design and Analysis of Experiments

Bitcoin and Cryptocurrency Technologies

Emitter Detection and Geolocation for Electronic Warfare

A Complete and Practical Guide for Leaders and Professionals

A #1 New York Times bestseller! Sarah J. Maas's brand-new CRESCENT CITY series begins with House of Earth and Blood: the story of half-Fae and half-human Bryce Quinlan as she seeks revenge in a contemporary fantasy world of magic, danger, and searing romance. Bryce Quinlan had the perfect life-working hard all day and partying all night-until a demon murdered her closest friends, leaving her bereft, wounded, and alone. When the accused is behind bars but the crimes start up again, Bryce finds herself at the heart of the investigation. She'll do whatever it takes to avenge their deaths. Hunt Athalar is a notorious Fallen angel, now enslaved to the Archangels he once attempted to overthrow. His brutal skills and incredible strength have been set to one purpose-to assassinate his boss's enemies, no questions asked. But with a demon wreaking havoc in the city, he's offered an irresistible deal: help Bryce find the murderer, and his freedom will be within reach. As Bryce and Hunt dig deep into Crescent City's underbelly, they discover a dark power that threatens everything and everyone they hold dear, and they find, in each other, a blazing passion-one that could set them both free, if they'd only let it. With unforgettable characters, sizzling romance, and page-turning suspense, this richly inventive new fantasy series by #1 New York Times bestselling author Sarah J. Maas delves into the heartache of loss, the price of freedom-and the power of love.

In Dublin, 1918, a maternity ward at the height of the Great Flu is a small world of work, risk, death, and unlooked-for love, in "Donoghue's best novel since Room" (Kirkus Reviews). In an Ireland doubly ravaged by war and disease, Nurse Julia Power works at an understaffed hospital in the city center, where expectant mothers who have come down with the terrible new Flu are quarantined together. Into Julia's regimented world step two outsiders—Doctor Kathleen Lynn, a rumoured Rebel on the run from the police, and a young volunteer helper, Bridie Sweeney. In the darkness and intensity of this tiny ward, over three days, these women change each other's lives in unexpected ways. They lose patients to this baffling pandemic, but they also shepherd new life into a fearful world. With tireless tenderness and humanity, carers and mothers alike somehow do their impossible work. In The Pull of the Stars, Emma Donoghue once again finds the light in the darkness in this new classic of hope and survival against all odds.

Some years ago it was my privilege to enjoy the acquaintance of Miss Frances Rolleston, of Keswick, and to carry on a

correspondence with her with respect to her work, Mazzaroth: or, the Constellations. She was the first to create an interest in this important subject. Since then Dr. Seiss, of Philadelphia, has endeavoured to popularize her work on the other side of the Atlantic; and brief references have been made to the subject in such books as Moses and Geology, by Dr. Kinns, and in Primeval Man; but it was felt, for many reasons, that it was desirable to make another effort to set forth, in a more complete form, the witness of the stars to prophetic truth, so necessary in these last days. To the late Miss Rolleston, however, belongs the honour of collecting a mass of information bearing on this subject; but, published as it was, chiefly in the form of notes, unarranged and unindexed, it was suited only for, but was most valuable to, the student. She it was who performed the drudgery of collecting the facts presented by Albumazer, the Arab astronomer to the Caliphs of Grenada, 850 a.d.; and the Tables drawn up by Ulugh Beigh, the Tartar prince and astronomer, about 1650 a.d., who gives the Arabian Astronomy as it had come down from the earliest times. Modern astronomers have preserved, and still have in common use, the ancient names of over a hundred of the principal stars which have been handed down; but now these names are used merely as a convenience, and without any reference to their significance. This work is an attempt to popularize this ancient information, and to use it in the interests of truth. For the ancient astronomical facts and the names, with their signification, I am, from the very nature of the case, indebted, of course, to all who have preserved, collected, and handed them down; but for their interpretation I am alone responsible. It is for the readers to judge how far my conclusions are borne out by the evidence; and how far the foundation of our hopes of coming glory are strengthened by the prophecies which have been written in the stars of heaven, as well as in the Scriptures of truth.

When your nemesis also happens to be your fiancé, happily ever after becomes a lot more complicated in this wickedly funny, lovers-to-enemies-to-lovers romantic comedy debut. Naomi Westfield has the perfect fiancé: Nicholas Rose holds doors open for her, remembers her restaurant orders, and comes from the kind of upstanding society family any bride would love to be a part of. They never fight. They 're preparing for their lavish wedding that's three months away. And she is miserably and utterly sick of him. Naomi wants out, but there's a catch: whoever ends the engagement will have to foot the nonrefundable wedding bill. When Naomi discovers that Nicholas, too, has been feigning contentment, the two of them go head-to-head in a battle of pranks, sabotage, and all-out emotional warfare. But with the countdown looming to the wedding that may or may not come to pass, Naomi finds her resolve slipping. Because now that they have nothing to lose, they're finally being themselves—and having fun with the last person they expect: each other.

Worldwide growth of space communications has caused a rapid increase in the number of satellites operating in geostationary orbits, causing overcrowded orbits. This practical resource is designed to help professionals overcome this problem. This timely book provides a solid understanding of the use of radio interferometers for tracking and monitoring satellites in overcrowded environments. Practitioners learn the fundamentals of radio interferometer hardware, including antennas, receiving equipment, signal processing and phase detection, and measurement accuracies. This in-depth volume describes the nature of the targets to be tracked by the interferometer, helping to clarify the movement of target satellites and what specific information has to be caught

by the interferometer. Additionally, engineers find details on applications to practical cases of satellite tracking, covering different types of interferometers, recent technical developments, orbital monitoring and safety control.

A Novel

A novel

ELINT

You Are a Badass®

Return to Virgin River

Radar and Electronic Warfare Principles for the Non-Specialist

This text has fully modernized coverage and maintained the unique original look and feel. Even the timeless principles and core fundamentals of general radar have been updated in wording and new graphics, while the more advanced concepts and applications in airborne radar have been brought into the digital age of radar signal processing and solid state electronics. This text is written specifically as an overview without going overboard on the math. Virtually anybody with a knowledge of high school algebra, trigonometry, and physics will be able to read and absorb the vast majority of the material. Living up to its moniker of Introduction, this book contains extensive fundamental materials and practical applications, using visual system exemplars to aid explanations. The full colour layout is enhanced with an immense number of illustrations, figures, tables, and photographs.

*Advances in DSP (digital signal processing) have radically altered the design and usage of radar systems -- making it essential for both working engineers as well as students to master DSP techniques. This text, which evolved from the author's own teaching, offers a rigorous, in-depth introduction to today's complex radar DSP technologies. Contents: Introduction to Radar Systems * Signal Models * Sampling and Quantization of Pulsed Radar Signals * Radar Waveforms * Pulse Compression Waveforms * Doppler Processing * Detection Fundamentals * Constant False Alarm Rate (CFAR) Detection * Introduction to Synthetic Aperture Imaging*

This comprehensive resource provides readers with the tools necessary to perform analysis of various waveforms for use in radar systems. It provides information about how to produce synthetic aperture (SAR) images by giving a tomographic formulation and implementation for SAR imaging. Tracking filter fundamentals, and each parameter associated with the filter and how each affects tracking performance are also presented. Various radar cross section measurement techniques are covered, along with

waveform selection analysis through the study of the ambiguity function for each particular waveform from simple linear frequency modulation (LFM) waveforms to more complicated coded waveforms. The text includes the Python tool suite, which allows the reader to analyze and predict radar performance for various scenarios and applications. Also provided are MATLAB® scripts corresponding to the Python tools. The software includes a user-friendly graphical user interface (GUI) that provides visualizations of the concepts being covered. Users have full access to both the Python and MATLAB source code to modify for their application. With examples using the tool suite are given at the end of each chapter, this text gives readers a clear understanding of how important target scattering is in areas of target detection, target tracking, pulse integration, and target discrimination.

EW 101A First Course in Electronic Warfare Artech House

NATIONAL BESTSELLER • An audacious, darkly glittering novel set in the eerie days of civilization's collapse—the spellbinding story of a Hollywood star, his would-be savior, and a nomadic group of actors roaming the scattered outposts of the Great Lakes region, risking everything for art and humanity. Now an original series on HBO Max. Over one million copies sold! Kirsten Raymonde will never forget the night Arthur Leander, the famous Hollywood actor, had a heart attack on stage during a production of King Lear. That was the night when a devastating flu pandemic arrived in the city, and within weeks, civilization as we know it came to an end. Twenty years later, Kirsten moves between the settlements of the altered world with a small troupe of actors and musicians. They call themselves The Traveling Symphony, and they have dedicated themselves to keeping the remnants of art and humanity alive. But when they arrive in St. Deborah by the Water, they encounter a violent prophet who will threaten the tiny band's existence. And as the story takes off, moving back and forth in time, and vividly depicting life before and after the pandemic, the strange twist of fate that connects them all will be revealed. Look for Emily St. John Mandel's new novel, Sea of Tranquility, coming soon!

The Book of Lies

Electronic Warfare in the Information Age

The Witness of the Stars

Introduction to Probability

A First Course in Electronic Warfare

NOTE: NO FURTHER DISCOUNT FOR THIS PRINT PRODUCT -- OVERSTOCK SALE -- Significantly reduced list price Summarizes and updates the current National Cooperative Soil Survey conventions for describing soils. Intended to be both current and usable by the entire soil science community. The text explores the types of soil techniques and includes a Field Equipment checklist with samples of common soil equipment as part of the field guide. Other related products: Keys to Soil Taxonomy (2014) can be found here: <https://bookstore.gpo.gov/products/sku/001-000-04761-2> Keys to Soil Taxonomy, 2010 can be found here: <https://bookstore.gpo.gov/products/sku/001-000-04745-1> Drainage Manual can be found here: <https://bookstore.gpo.gov/products/sku/024-003-00177-5> Converging Waters: Integrating Collaborative Modeling With Participatory Processes to Make Water Resources Decisions can be found here: <https://bookstore.gpo.gov/products/sku/008-022-00349-5> Water Measurement Manual: A Guide to Effective Water Measurement Practices for Better Water Management can be found here: <https://bookstore.gpo.gov/products/sku/024-003-00215-1> Ground Water Manual: A Guide for the Investigation, Development, and Management of Ground-Water Resources can be found here: <https://bookstore.gpo.gov/products/sku/024-003-00179-1>"

An authoritative introduction to the exciting new technologies of digital money Bitcoin and Cryptocurrency Technologies provides a comprehensive introduction to the revolutionary yet often misunderstood new technologies of digital currency. Whether you are a student, software developer, tech entrepreneur, or researcher in computer science, this authoritative and self-contained book tells you everything you need to know about the new global money for the Internet age. How do Bitcoin and its block chain actually work? How secure are your bitcoins? How anonymous are their users? Can cryptocurrencies be regulated? These are some of the many questions this book answers. It begins by tracing the history and development of Bitcoin and cryptocurrencies, and then gives the conceptual and practical foundations you need to engineer secure software that interacts with the Bitcoin network as well as to integrate ideas from Bitcoin into your own projects. Topics include decentralization, mining, the politics of Bitcoin, altcoins and the cryptocurrency ecosystem, the future of Bitcoin, and more. An essential introduction to the new technologies of digital currency Covers the history and mechanics of Bitcoin and the block chain, security, decentralization, anonymity, politics and regulation, altcoins, and much more Features an accompanying website that includes instructional videos for each chapter, homework problems, programming assignments, and lecture slides Also suitable for use with the authors' Coursera online course Electronic solutions manual (available only to professors)

Look to this informative new reference for an in-depth, comprehensive treatment of the principles of electronic warfare (EW). Written by leading experts in the field, this authoritative book takes a systematic approach to exploring EW theory, mathematical models, and quantitative analysis. You get a detailed examination of the basic targets of EW operations, a thorough presentation of critical radar jamming methods, and definitions of the effectiveness criteria for EW systems and techniques. From the creator of the popular website Ask a Manager and New York's work-advice columnist comes a witty, practical guide to 200 difficult professional conversations—featuring all-new advice! There's a reason Alison Green has been called "the Dear Abby of the work world." Ten years as a workplace-advice columnist have taught her that people avoid awkward conversations in the office because they simply don't know what to say. Thankfully, Green does—and in this incredibly helpful book, she tackles the tough discussions you may need to have during your career. You'll learn what to say when • coworkers push their work on you—then take credit for it • you accidentally trash-talk someone in an email then hit "reply all" • you're being micromanaged—or not being managed at all • you catch a colleague in a lie • your boss seems unhappy with your work • your cubemate's loud speakerphone is making you homicidal • you got drunk at the holiday party Praise for Ask a Manager "A must-read for anyone who works . . . [Alison Green's] advice boils down to the idea that you should be professional (even when others are not) and that communicating in a straightforward manner with candor and kindness will get you far, no matter where you work."—Booklist (starred review) "The author's friendly, warm, no-nonsense writing is a pleasure to read, and her advice can be widely applied to relationships in all areas of readers' lives. Ideal for anyone new to the job market or new to management, or anyone hoping to improve their work experience."—Library Journal (starred review) "I am a huge fan of Alison Green's Ask a Manager column. This book is even better. It teaches us how to deal with many of the most vexing big and little problems in our workplaces—and to do so with grace, confidence, and a sense of humor."—Robert Sutton, Stanford professor and author of The No Asshole Rule and The Asshole Survival Guide "Ask a Manager is the ultimate playbook for navigating the traditional workforce in a diplomatic but firm way."—Erin Lowry, author of Broke Millennial: Stop Scraping By and Get Your Financial Life Together The third book in the bestselling Artech House EW 100 series is dedicated entirely to the practical aspects of electronic warfare against enemy communication. From communications math (mainly simple dB formulas), receiving systems, and signals, to communications emitter location, intercept, and jamming, this comprehensive volume covers all the key topics in the field.

How to Stop Doubting Your Greatness and Start Living an Awesome Life

Stimson's Introduction to Airborne Radar

Field Book for Describing and Sampling Soils

Fundamentals of Radar Signal Processing

Delivering the Promise of Big Data and Data Science

Tactical Battlefield Communications Electronic Warfare

In answer to great demand, Artech House is proud to bring professionals a newly revised and updated edition of the bestselling book Introduction to Modern EW Systems. The Second Edition has been greatly expanded to include a wealth of new material, from remote piloted airborne systems, directed energy weapons, and non-cooperative air surveillance...to EW radar band sensor next generation architectures, real-time data links, and smart jamming. This authoritative resource provides engineers and students with the latest electronic warfare (EW) techniques and technologies related to on-board military platforms. Practitioners gain expert design guidance on technologies and equipment used to detect and identify emitter threats, offering an advantage in the never-ending chess game between sensor guided weapons and EW systems. This unique book provides deeper insight into EW systems principles of operation and their mathematical descriptions, arming professionals with better knowledge for their specific design applications. Moreover, readers get practical information on how to counter modern communications data links which provide connectivity and command flow among the armed forces in the battlefield. Taking a sufficiently broad perspective, this comprehensive volume offers a panoramic view of the various physical domains RF, Infrared, and electronics that are present in modern electronic warfare systems. This in-depth book is supported with over 340 illustrations and more than 450 equations.

Learning to use SAS Enterprise Guide has never been easier! Whether you are using SAS Enterprise Guide for the first time, or are looking to expand your skills, this is the book for you! With The Little SAS Enterprise Guide Book, award-winning authors Susan Slaughter and Lora Delwiche help you quickly become productive in the SAS Enterprise Guide point-and-click environment. A series of carefully designed tutorials help you master the basics of the tasks you'll want to do most frequently. The reference section of the book expands on the tutorial topics, covering specific features in more depth. This edition has been completely rewritten, and updated with new features in SAS Enterprise Guide.

Oehlert's text is suitable for either a service course for non-statistics graduate students or for statistics majors. Unlike most texts for the one-term grad/upper level course on experimental design, Oehlert's new book offers a superb balance of both analysis and design, presenting three practical themes to students: • when to use various designs • how to analyze the results • how to recognize various design options Also, unlike other older texts, the book is fully oriented toward the use of

statistical software in analyzing experiments.

Here's an advanced practitioner's guide to the latest concepts and threats associated with modern electronic warfare (EW). This new book identifies and explains the newest radar and communications threats, and provides EW and radar engineers, managers, and technical professionals with practical, "how-to" information on designing and implementing ECM and ECCM systems.

An introduction to the subject for non-specialists: engineers, technicians, pilots, and aerospace industry marketing, public relations, and customer support personnel. Also a reference for specialists in the field. The completely rewritten and revised Second Edition updates the original published by the Hughes Aircraft Company.

EW 102

A Comprehensive Introduction

Ask a Manager

The Interception and Analysis of Radar Signals

Orientalism

Slayer

Packed with humor, inspiration, and advice, *You Are a Badass* is the #1 New York Times bestselling self-help book that teaches you how to get better without getting busted. In this refreshingly entertaining how-to guide, bestselling author and world-traveling success coach, Jen Sincero, serves up twenty-seven bite-sized chapters full of hilariously inspiring stories, sage advice, easy exercises, and the occasional swear word, helping you to: Identify and change the self-sabotaging beliefs and behaviors that stop you from getting what you want, Create a life you totally love. And create it NOW, and Make some damn money already. The kind you've never made before. By the end of *You Are a Badass*, you'll understand why you are how you are, how to love what you can't change, how to change what you don't love, and how to use The Force to kick some serious ass.

EW 104 has been a popular column in the *Journal of Electronic Defense* for a number of years. This compilation of tutorial articles from JED provides introductory level electronic warfare instruction for students of the discipline.

Aleister Crowley's *The Book of Lies* is an important and complex work of occultism. Deciphering its many layers of hidden meaning requires a little patience and more than a beginner's knowledge of Thelema. For those interested in passing beyond the initiate stage, the reward offered by a deeper understanding of this challenging text is well worth the effort. This new 2018 edition of *The Book of Lies* from Kismet Publishing restores all of Crowley's original text, including the important keys, sigils and diagrams often omitted from

reprints.

#1 New York Times bestselling author Robyn Carr returns to the beloved town of Virgin River with a brand-new story about fresh starts and new friends. Now a Netflix Original Series! Kaylee Sloan's home in Southern California is full of wonderful memories of the woman who raised her. But the memories are prolonging her grief over her mother's recent death. A successful author, Kaylee hoped she could pour herself into her work. Instead she has terrible writer's block and a looming deadline. Determined to escape distractions and avoid the holiday season, Kaylee borrows a cabin in Virgin River. She knows the isolation will help her writing, and as she drives north through the mountains and the majestic redwoods, she immediately feels inspired. Until she arrives at a building that has just gone up in flames. Devastated, she heads to Jack's Bar to plan her next steps. The local watering hole is the heart of the town, and once she crosses the threshold, she's surprised to be embraced by people who are more than willing to help a friend—or a stranger—in need. Kaylee's world is expanding in ways she never dreamed possible. And when she rescues a kitten followed by a dog with a litter of puppies, she finds her heart opening up to the animals who need her. And then there's the dog trainer who knows exactly how to help her. As the holidays approach, Kaylee's dread turns to wonder. Because there's no better place to spend Christmas than Virgin River.

This book presents a comprehensive set of radar and electronic warfare principles including many of the latest applications in a clear and consistent manner. Following on from the 3rd edition of this book (2004) Radar and Electronic Warfare Principles for the Non-specialist, 4th Edition, remains true to the traditional strength of the book, providing radar principles for the non-specialist, and also now introducing EW principles. All radar-related material has been reviewed, revised and enhanced as necessary. New to this edition: Significant revisions to; target signal-to-noise ratio, target detection theory, array antennas, radar measurements and tracking, and target signatures The addition of new EW-related material addressing electronic support (ES), electronic attack (EA), and electronic protection (EP) The advanced radar concepts chapter has been revised, including the addition of a section on modern multi-function, -mode, -mission radar systems. Most of the chapters are stand-alone allowing the reader to be selective and still benefit from the content. Exercises at the end of each chapter are provided to reinforce the concepts presented and illustrate their applications, making this book ideal for academic learning, training courses or self-study. Topics covered include: electromagnetic propagation, target detection, antennas, measurements and tracking, radar cross section and system applications. By reading this book, you should expect to be able to conduct a respectable, first-order radar system design or analysis and

perform a first-order EW system design or analysis. This book will also provide you with the skills to critique the designs or analysis of others.

EW 105: Space Electronic Warfare

The Pull of the Stars

Introduction to Modern EW Systems, Second Edition

Electronic Warfare Against a New Generation of Threats

The Little SAS Enterprise Guide Book

EW 101

EW 101 has been a popular column in the Journal of Electronic Defense for a number of years. This compilation of tutorial articles from JED provides introductory level electronic warfare instruction for students of the discipline.

Annotation In these times, correctly and quickly identifying a stray electronic blip on a radar screen can have incalculable consequences. Now more than ever, radar electronic intelligence (ELINT) can be the first line of defense for the battlefield or the homeland. Offering new insight into radar signal analysis, this book ensures more reliable and timely gathering of electronic intelligence. Combining and updating the author's two previous definitive books on ELINT, this volume is the indispensable reference for every ELINT professional.

The data lake is a daring new approach for harnessing the power of big data technology and providing convenient self-service capabilities. But is it right for your company? This book is based on discussions with practitioners and executives from more than a hundred organizations, ranging from data-driven companies such as Google, LinkedIn, and Facebook, to governments and traditional corporate enterprises. You ' ll learn what a data lake is, why enterprises need one, and how to build one successfully with the best practices in this book. Alex Gorelik, CTO and founder of Waterline Data, explains why old systems and processes can no longer support data needs in the enterprise. Then, in a collection of essays about data lake implementation, you ' ll examine data lake initiatives, analytic projects, experiences, and best practices from data experts working in various industries. Get a succinct introduction to data warehousing, big data, and data science Learn various paths enterprises take to build a data lake Explore how to build a self-service model and best practices for providing analysts access to the data Use different methods for architecting your data lake Discover ways to implement a data lake from experts in different industries

The fourth book in the bestselling Artech House EW 100 series is dedicated to reviewing legacy threats and discussing new threats which have arisen since Y2K in communications, radar, and IR threats. Like its predecessors, EW 104 presents a series of highly informative and easy-to-comprehend tutorials, along with insightful introductory and connective material that helps you understand how each aspect fits together. This reference starts with a review of the generalities of legacy threats, from the technical point of view, with a focus on what makes the new threats more challenging. Readers are provided with details of threats in three major areas -Communications, Radars, and IR Threats.

Serving as a continuation of the bestselling book EW 101: A First Course in Electronic Warfare, this new volume is a second book based on the popular tutorials featured in the Journal of Electronic Defense. Without delving into complex mathematics, this book lets you understand important concepts central to EW, so you gain a basic working knowledge of the technologies and techniques deployed in today's EW systems.

Fundamentals of Electronic Warfare

EW 104: Electronic Warfare Against a New Generation of Threats

Cognitive Electronic Warfare: An Artificial Intelligence Approach

House of Earth and Blood

Introduction to Airborne Radar

Adulting 101

Developed from celebrated Harvard statistics lectures, Introduction to Probability provides essential language and tools for understanding statistics, randomness, and uncertainty. The book explores a wide variety of applications and examples, ranging from coincidences and paradoxes to Google PageRank and Markov chain Monte Carlo (MCMC). Additional

This comprehensive resource provides theoretical formulation for detecting and geolocating non-cooperative emitters. Implementation of geolocation algorithms are discussed, as well as performance prediction of a hypothetical passive location system for systems analysis or vulnerability calculation. Comparison of novel direction finding and geolocation algorithms to classical forms are also included. Rooted in statistical signal processing and array processing theory, this book also provides an overview of the application of novel detection and estimation algorithms to real world problems in EW. The book is divided into three parts: detection, angle of arrival estimation, and geolocation. Each section begins with an introductory chapter covering the relevant signal processing theory (either detection or estimation), then provides a

series of chapters covering specific methods to achieve the desired end-product. MATLAB® code is provided to assist readers with relevant probability and statistics, RF propagation, atmospheric absorption, and noise, giving readers an understanding of the implementation of the algorithms in the book, as well as developing new approaches to solving problems. Packed with problem sets and examples, this book strikes a balance between introductory texts and reference manuals, making it useful for novice as well as advanced practitioners.

Written by a prominent expert in the field, this authoritative new resource presents anti-ship missile (ASM) electronic protection (EP) techniques designed to enhance accurate target classification currently being developed by personnel from the People's Republic of China and other nations. This book provides a comprehensive introduction to modern electronic warfare (EW) in an era of information warfare (IW). It explores the capabilities of coherent radar and digital signal processing to rapidly and accurately classify targets. Both naval and air electronic EW are covered in this resource. This book gives insight into modern EW as an information battle and includes guidance on properly testing the effectiveness of electronic attack (EA) systems. Pulsed Doppler radar basics including, electromagnetic pulse, dynamic range, gain control, and Doppler effects are presented. A summary of the ASM sensor and EA model is provided and readers find coverage of the radar range equation, burn through, and the range Doppler map and imaging. Special topic-extended target classifications including, false, decoys, and chaff are explained. Special topic ASM EP waveforms and multiple receiver EP are also covered. This book explores features of algorithms to optimize combining multiple parameters and systems. Moreover, it explains several algorithms proposed by PRC personnel to implement optimal two-channel processing that mitigates cover noise EA.

This popular series of tutorials, featured over a period of years in the Journal of Electronic Defense, is now available in a single volume. Organized into chapters with new introductory and supplementary material from the author, you get clear, concise and well-illustrated examinations of critical topics such as antenna parameters, receiver sensitivity, processing tasks, and search strategies, LPI signals, jamming, communication links, and simulation. The chapters define key terms and explain how and why particular technologies are relevant to electronic defense. Detailed charts, diagrams and formulas give you the practical knowledge you need to apply specific techniques in the field.

Nicomachean Ethics Aristotle - The Nicomachean Ethics is one of Aristotle's most widely read and

influential works. Ideas central to ethics—that happiness is the end of human endeavor, that moral virtue is formed through action and habituation, and that good action requires prudence—found their most powerful proponent in the person medieval scholars simply called "the Philosopher." Drawing on their intimate knowledge of Aristotle's thought, Robert C. Bartlett and Susan D. Collins have produced here an English-language translation of the Ethics that is as remarkably faithful to the original as it is graceful in its rendering. Aristotle is well known for the precision with which he chooses his words, and in this elegant translation his work has found its ideal match. Bartlett and Collins provide copious notes and a glossary providing context and further explanation for students, as well as an introduction and a substantial interpretive essay that sketch central arguments of the work and the seminal place of Aristotle's Ethics in his political philosophy as a whole. The Nicomachean Ethics has engaged the serious interest of readers across centuries and civilizations—of peoples ancient, medieval, and modern; pagan, Christian, Muslim, and Jewish—and this new edition will take its place as the standard English-language translation.

Nicomachean Ethics

Nonprofit Management 101

Electronic Warfare Target Location Methods, Second Edition

The Enterprise Big Data Lake

Electronic Warfare Signal Processing

A Second Course in Electronic Warfare

“ Will get Buffy fans up in their feels. ” —Entertainment Weekly A New York Times and Publishers Weekly bestseller From bestselling author Kiersten White comes the first novel in a series set in the world of Buffy the Vampire Slayer that introduces a new Slayer as she grapples with the responsibility of managing her incredible powers that she ’ s just beginning to understand. Into every generation a Slayer is born... Nina and her twin sister, Artemis, are far from normal. It ’ s hard to be when you grow up at the Watcher ’ s Academy, which is a bit different from your average boarding school. Here teens are trained as guides for Slayers—girls gifted with supernatural strength to fight the forces of darkness. But while Nina ’ s mother is a prominent member of the Watcher ’ s Council, Nina has never embraced the violent Watcher lifestyle. Instead she follows her instincts to heal, carving out a place for herself as the school medic. Until the day Nina ’ s life changes forever. Thanks to Buffy, the famous (and infamous) Slayer that Nina ’ s father died protecting, Nina is not only the newest Chosen One—she ’ s the last Slayer, ever. Period. As Nina hones her skills with her Watcher-in-training, Leo, there ’ s plenty to keep her occupied: a monster fighting ring, a demon who eats happiness, a shadowy figure that keeps popping up in Nina ’ s dreams... But it ’ s not until bodies start turning up that Nina ’ s new powers will truly be tested—because someone she loves might be next. One thing is clear: Being Chosen is easy. Making choices is hard.

You Deserve Each Other

Introduction to Electronic Warfare Modeling

Ew 103

How to Navigate Clueless Colleagues, Lunch-Stealing Bosses, and the Rest of Your Life at Work
Station Eleven