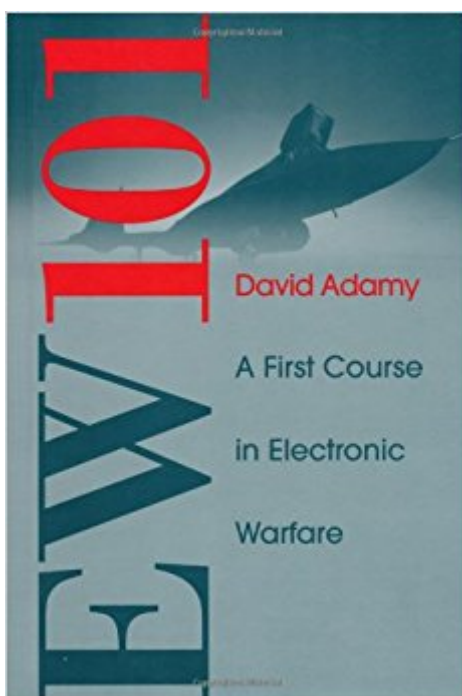The book was found

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

Synopsis

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.

Book Information

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Best Sellers Rank: #234,264 in Books (See Top 100 in Books)   #6 inÂ Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Radar   #31 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electric Machinery & Motors   #44 inÂ Books > Engineering & Transportation > Engineering > Military Technology

Customer Reviews

David L. Adamy is president of Adamy Engineering and previously worked as senior systems engineer/program manager for ESL/TRW in Sunnyvale, California. He received his M.S.EE. in Communication Theory from the University of Santa Clara, and his B.S.EE. from Arizona State University.

This text book gave a great overview into what's happening in Electronic War and how it is done. I liked it. The book provided the analytic formulas to perform gain calculations without being overdependent on the mathematics to understand the basics. The book covered Radar Warning Receivers (RWR) which I'd had no experience with and provided a clear explanation of how they work and what technical parameters are important. I've worked in the industry for a while, but I wished I'd read this 10 years earlier.

I really enjoyed this book and found it incredibly useful in my job, which does not require an in depth

knowledge of EW. My background is a BS in mechanical engineer and graduated a little over a year ago. I would highly recommend this book to anyone that has to work with EW or even just radar. Although the book it steered towards EW, many radar concepts are explained.

For anyone who wants to understand what Electronic Warfare is, this book is a great introduction.From the basics to advanced usage, this book introduces the reader to the world of EW and sets the stage for EW 102.

I bought these book for a very cheap price which was even below the price of second hand book price at some sites and also at my college. So I say that I had a gr8 dealThank you .

This book is very easy to read and understand by not getting into all the same details. Suitable for those who wants an overview of EW but not going too deep into the topic.

Lacking in technical detail. It provided a high school level presentation of EW concepts. Author's lack of familiarity with the Range equation was evident.

Husband loves this book, condition and price were great. Arrived quickly.

My biggest praise for EW 101 by David Adamy is that it's a great textbook. Any textbook that when giving a formula makes sure to tells you the units used for the different variables and how you may get them wrong gets a gold star in my book. It's sad how many textbooks overlook this.The book overlooks electronic communication and radar on a systematic level. It discusses the sets involved in the different types of antennas and receivers. From there it discusses how to analyze a signal (from distance and angle of the transmitter to its frequency), how to catch difficult to receive communication (Low Probilitiy of Intersect signals), jamming, and other things both useful for EW and wireless communications. It then ends on a fairly long discussion on how one simulates signals and processing for testing purposes.The last chapter in fact answers my big question reading this book. Who's the target audience for this book? It can't be people like me who are reading it just to expand their horizons. I assume that group is very small. It could be a Ã¢Â Âœlearn this to become a EW personÃ¢Â Â• learning book for military training, but it doesn't seem like that sort of a book as it's a well-edited compilation of essays the author wrote for a EW journal. The best I could figure out is if you're a computer programmer who's found themselves working on a project to design a EW

system and you want to get more understanding of what you're trying to do. The Simulation chapter almost basically lays out what you'll need to do. It also explains the level of foreknowledge required. It's got a lot of help on math but very little on basically terminology (which you can just look up on wikipedia).

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