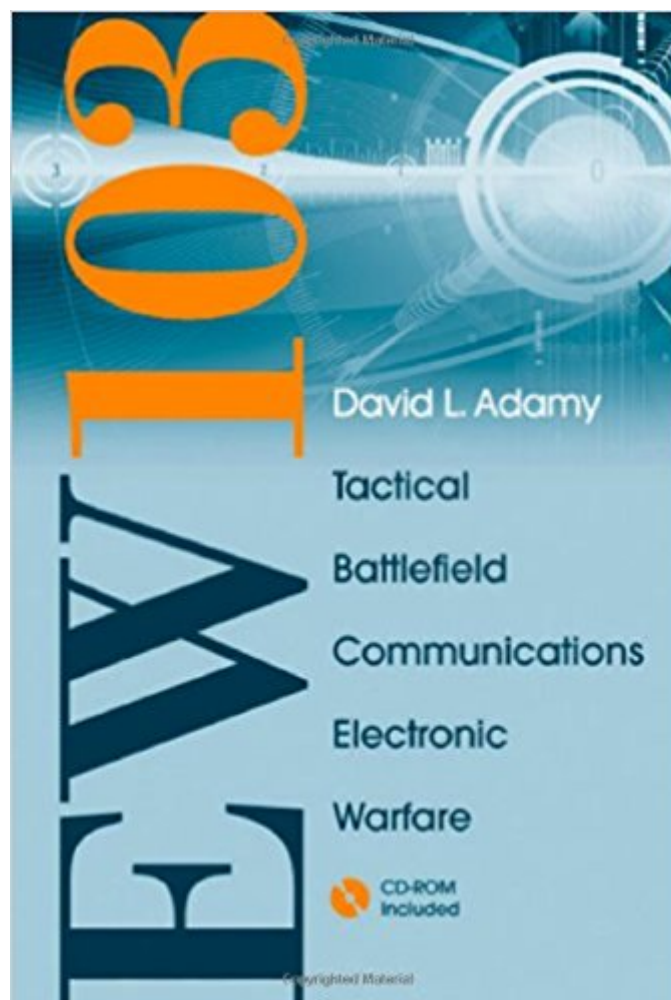




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EW 103: TACTICAL BATTLEFIELD Communications Electronic Warfare [With CDROM And Free Space Attenuation]



Synopsis

The third book in the bestselling "Artech House EW 100" series is dedicated entirely to the practical aspects of electronic warfare against enemy communication. Like its predecessors, EW 103 presents a series of highly informative and easy-to-comprehend tutorials, along with insightful introductory and connective material that helps practitioners understand how each aspect fits together. From communications math, receiving systems, and signals, to communications emitter location, intercept, and jamming, this comprehensive volume covers all the key topics in the field. This title includes CD-ROM and Slide Rule! The CD-ROM contains time-saving formulas in spreadsheet format for the calculation of propagation losses, received signal strength, effective range, jamming to signal ratio and other important values. The book also comes packaged with a unique antenna and propagation slide rule for quick communication link calculations.

Book Information

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Customer Reviews

David L. Adamy is president of Adamy Engineering and previously worked as a systems engineer and program manager on EW and reconnaissance programs delivering systems from "DC to light" on platforms from submarines to space. He has been involved in electronic warfare and related fields as an engineer and a manager for more than 40 years. He is also the author of EW 101: A First Course in Electronic Warfare and EW 102: A Second Course in Electronic Warfare (Artech House 2001, 2004), as well as several other books.

David Adamy is The Man ! It is so refreshing to read an author who can make the complex fairly simple or take something that is relatively esoteric and it explain the concepts so that just everybody that has a decent IQ can understand it. It is a rare trait and greatly appreciated. As you might have guessed this EW book builds on the prior 101 and 102 EW books and it is expensive but well worth the price. Here are the Chapters: 1) Nature of Communications 2) Communication Signals 3) Communication Antennas 4) Communication Receivers 5) Communication Propagation 6) Search for Communication Emitters 7) Location of Communication Emitters 8) Intercept of Communication Signals 9) Communications Jamming Lots of Graphs to explain the esoteric and the mysterious to create simplified clear cut concepts. If you are slow witted and not a hard worker I would not bother getting this book but if you want the "Big Picture" in a timely manner of the overall concepts of EW so you can talk intelligently to someone who is in the field without sounding like a fool.....definitely pursue buying this book. And yes it is expensive but there are no royal roads to learning this field unless you take the risk of buying an expensive book.

This is a great book! It is written at a low enough level for an engineer not in the EW field to understand, and yet goes into enough detail that even an EE working EW can still learn a few things. It covers everything from communication receiver design to signal characteristics and electronic counter counter measures employed on current military systems. Great read from start to finish. Would absolutely recommend to a friend.

Covers the other side of the 101 and 102 books. Some repeated material, but overall great resource.

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