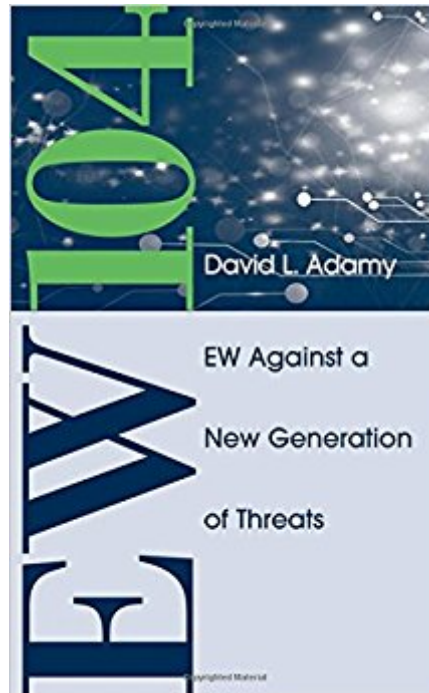


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EW 104: Electronic Warfare Against A New Generation Of Threats (EW100)



Synopsis

Book Information 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. Market Engineers and managers responsible for designing or evaluating communications electronic warfare systems, government defense system procurement managers, and defense contractors.

Book Information

Series: EW100

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Average Customer Review: 4.8 out of 5 stars 4 customer reviews

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Customer Reviews

David L. Adamy has 50 years experience developing EW systems from DC to Light, deployed on platforms from submarines to space, with specifications from QRC to high reliability. For the last 30 years, he has run his own company, performing studies for the US Government and defense contractors. He has also presented dozens of courses in the US and Europe on Electronic Warfare and related subjects He has published over 200 professional articles on Electronic Warfare, receiver system design, and closely related subjects, including the popular EW101 column in the Journal of

Electronic Defense. He holds an MSEE (Communication theory) and has 14 books in print, including EW 101, EW 102, and EW 103.

I was expecting a book addressing military communications from a practical point view supported with the theoretical background. Military communication's change rapidly, so the book had to be up to date with today's sophistication. EW 104 provided

Worth Every Cent If You Want to Know Electronic Warfare. I can't recommend this 442 page tome enough. Of course you will need the EW 101, 102 & 103 EW books if you want to fully understand this latest volume by a master writer of engineering electronic warfare lecturer David L. Adamy who is one of the leaders of the 14,000 members of the Society of Old Crows. For EW 104 the chapters are laid out by the following categories: 1) Spectrum Warfare 2) Legacy Radars 3) Next Generation Threat Radars 4) Digital Communication 5) Legacy Communication Threats 6) Modern Communication Threats 7) Digital RF Memories 8) Infrared Threats and Countermeasures 9) Radar Decoys 10) Electromagnetic Support Versus Signal Intelligence Well crafted writing by an author who has a knack of explaining the complex into simple terms though the electromagnetic spectrum science is very, very complicated. This is place to start learning by someone who knows how to teach well. Yes it is an expensive textbook but it is worth every cent. You will not be disappointed! There are no royal roads to learning this very complex and evolving art and science.

This is a great book that I'll continue to use as a reference for quite some time. Now I need to buy the previous versions that have different information in them.

Some repeated material from the prior books, but with a more recent/updated view. 4th in the series and definitely worth it.

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