

RADAR AND ELECTRONIC WARFARE PRINCIPLES FOR THE NON-SPECIALIST 4TH EDITION

PAUL HANNEN

This enhanced and fully revised 4th Edition of *Radar and Electronic Warfare Principles for the Non-specialist* presents a comprehensive set of radar and electronic warfare principles including many of the latest applications with the addition of new EW principles.

- 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.

READERSHIP

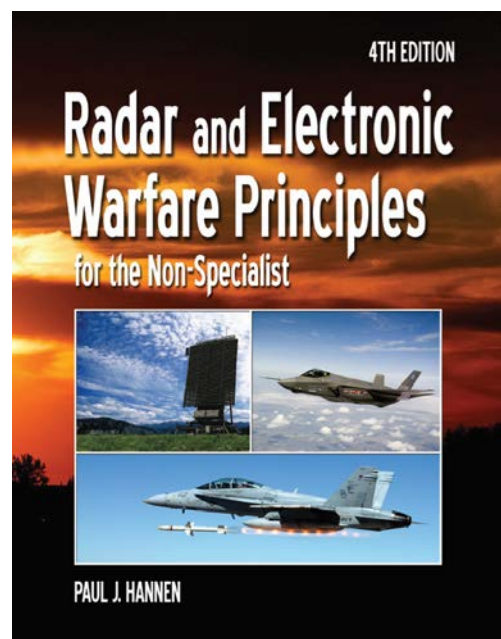
Ideal for senior level graduates and can be used as a self-study text for engineers who have no previous radar or EW knowledge or experience.

AUTHOR INFORMATION

Paul Hannen has over 30 years of extensive radar and electronic warfare (EW), survivability assessment, modeling, simulation and analysis (MS&A) expertise. He has taught the senior/graduate level electrical engineering class, Introduction to Radar Systems and the graduate class, Modern Radar Theory as an adjunct professor for the Department of Electrical Engineering, Wright State University.

PREVIOUS EDITION

Radar Principles for the Non-Specialist, 3rd Edition (2004)
ISBN: 9781891121289



ISBN:	978-1-61353-011-5
Product code:	SBRA5020
BIC Codes:	TJ
Price:	£50 / \$79
Size (mm):	190.5 x 234.95
Extent:	424pp
Format:	Paperback
Publish date:	November 2013
Rights:	World – all languages

www.theiet.org/books-radarwarfare

**To place an order or to request
further information, contact Alex
Fox, IET Books Sales Manager**

T: 01438 767655
E: AFox@theiet.org