



## Radar and Electronic Warfare Principles for the Non-Specialist

By Paul Hannen

SciTech Publishing. Paperback. Condition: New. 350 pages. Dimensions: 9.1in. x 7.5in. x 0.9in. This is a comprehensive update of the bestselling reference for those who need to learn about radar but have no previous experience. This enhanced and fully revised fourth edition of Radar and Electronic Warfare Principles for the Non-specialist includes five all new sections on electronic warfare and its relationship with radar systems and distills the very complex technologies of radar and electronic warfare into their fundamentals, tying them to the laws of nature on one end and to the most modern and complex systems on the other. It also includes significant revisions to: target signal-to-noise ratio, target detection theory, array antennas, radar measurements and tracking, and target signatures. The advanced radar concepts chapter has also been revised, including the addition of a section on modern multi-function, -mode, -mission radar systems. In addition, there is new EW-related material addressing electronic support (ES), electronic attack (EA), and electronic protection (EP). Most of the chapters are stand-alone allowing the reader to be selective and still benefit from the content. Radar and Electronic Warfare Principles for the Non-specialist is ideal for senior level graduates and can be used as a self-study text...



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