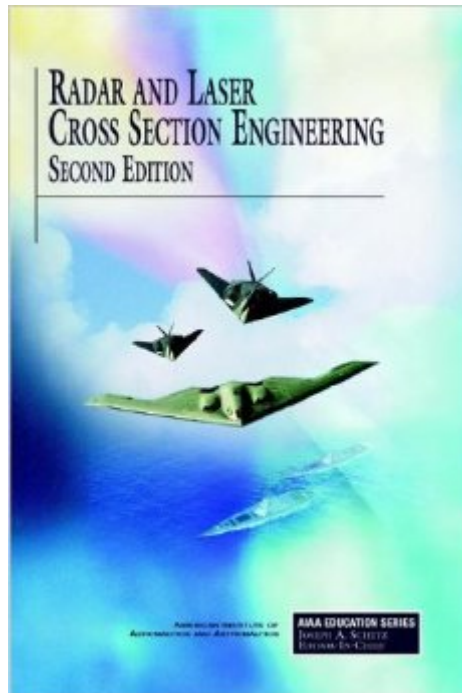


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Radar And Laser Cross Section Engineering, Second Edition (AIAA Education)



Synopsis

There have been many new developments in the ten years since the first edition of Radar and Laser Cross Section Engineering was published. Stealth technology is now an important consideration in the design of all types of platforms. The second edition includes a more extensive introduction that covers the important aspects of stealth technology and the unique tradeoffs involved in stealth design. Prediction, reduction, and measurement of electromagnetic scattering from complex three-dimensional targets remains the primary emphasis of this text, developed by the author from courses taught at the Naval Postgraduate School. New topics on computational methods like the finite element method and the finite integration technique are covered, as well as new areas in the application of radar absorbing material and artificial metamaterials. Matlab [registered] software, homework problems, and a solution manual (available to instructors) supplement the text. Written as an instructional text, this book is recommended for upper-level undergraduate and graduate students. introduction to the physics and mathematics of radar cross section in order to better understand the interdisciplinary aspects of stealth. Matlab is a registered trademark of The MathWorks, Inc.

Book Information

Series: AIAA Education

Hardcover: 505 pages

Publisher: AIAA; 2nd Revised ed. edition (August 20, 2005)

Language: English

ISBN-10: 1563477025

ISBN-13: 978-1563477027

Product Dimensions: 6.3 x 1.1 x 9.5 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (1 customer review)

Best Sellers Rank: #1,106,810 in Books (See Top 100 in Books) #76 in [Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Radar](#) #175 in [Books > Science & Math > Physics > Light](#) #1367 in [Books > Science & Math > Astronomy & Space Science > Aeronautics & Astronautics](#)

Customer Reviews

Great book, I think the author should get one more version out before he retires with some updated pictures and updated simulations using Matlab.

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