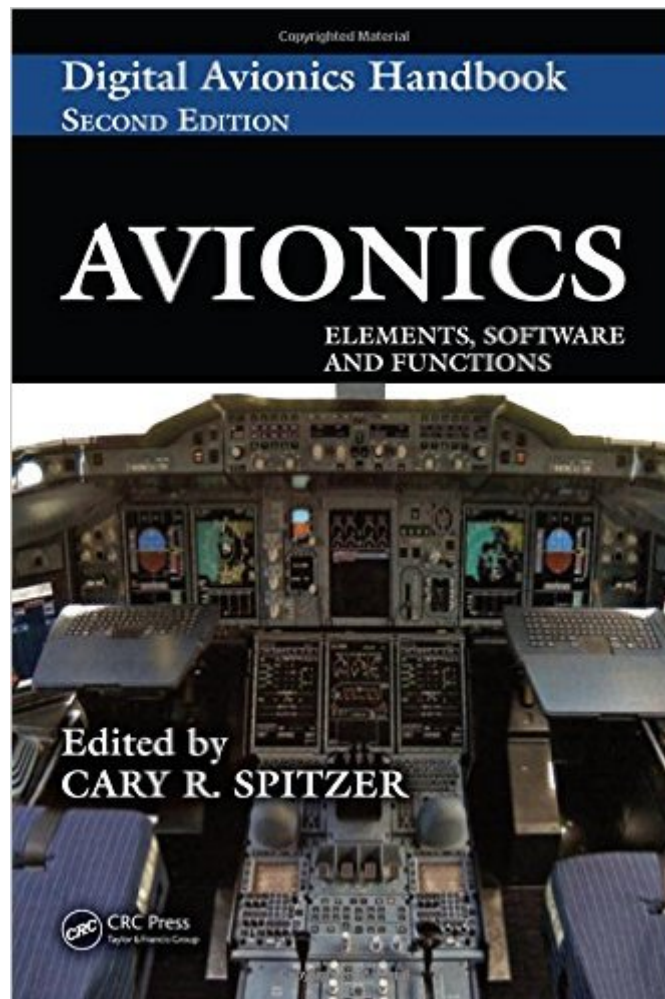


The book was found

Avionics: Elements, Software And Functions (The Avionics Handbook, Second Edition)



Synopsis

Renamed to reflect the increased role of digital electronics in modern flight control systems, Cary Spitzer's industry-standard Digital Avionics Handbook, Second Edition is available in two comprehensive volumes designed to provide focused coverage for specialists working in different areas of avionics development. The first installment, Avionics: Elements, Software, and Functions covers the building blocks and enabling technologies behind modern avionics systems. It discusses data buses, displays, human factors, standards, and flight systems in detail and includes new chapters on the Time-Triggered Protocol (TTP), ARINC specification 653, communications, and vehicle health management systems.

Book Information

Series: The Avionics Handbook, Second Edition

Hardcover: 448 pages

Publisher: CRC Press; 2nd Revised edition edition (December 13, 2006)

Language: English

ISBN-10: 0849384389

ISBN-13: 978-0849384387

Product Dimensions: 1.5 x 7.5 x 10.5 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars [See all reviews](#) (3 customer reviews)

Best Sellers Rank: #2,698,839 in Books (See Top 100 in Books) #41 in [Books > Engineering &](#)

[Transportation > Engineering > Aerospace > Avionics](#) #1216 in [Books > Textbooks >](#)

[Engineering > Aeronautical Engineering](#) #3038 in [Books > Science & Math > Astronomy & Space](#)

[Science > Aeronautics & Astronautics](#)

Customer Reviews

This is a very good reference book for the area of avionics. As the book states very clearly, it's edited by Cary R. Spitzer (a very well known reference in the avionics area) and it is a compendium of papers written by professionals in the industry, arranged as a handbook. The book is arranged in two parts: the first one called "Elements & Functions" presents the reader the "building blocks" of technologies used for the later part of the book called "Functions". This second part describes comprehensibly several functions used in the avionics world, such as navigation, communications, flight management systems, fly-by-wire technology, etc. The good points about this book is the somehow smooth progression on the topics, the organization of the different chapters and the level

of depth in each topic and bibliography (when available). Overall, the book has a very good progression, starting with the basic functions, and building up the contents for the second part. The different chapters / papers are very well organized and edited (with a few exceptions), and are very readable. I have an electronics engineering background, and it wasn't difficult at all reading cover to back. Please note that it does include some minor math and concepts that are at college level. Additionally, the level of knowledge presented in each section is very good for a handbook, and very useful in practice (it focus on the practical implementation and application of the topics). Bibliography for each chapter is from good to excellent, depending on the writer of each chapter. The reason of why I knocked a star from this review is due to three areas that I wasn't satisfied with.

[Download to continue reading...](#)

Avionics: Elements, Software and Functions (The Avionics Handbook, Second Edition) Surreptitious Software: Obfuscation, Watermarking, and Tamperproofing for Software Protection: Obfuscation, Watermarking, and Tamperproofing for Software Protection Software Engineering Classics: Software Project Survival Guide/ Debugging the Development Process/ Dynamics of Software Development (Programming/General) Avionics Installation Handbook Global Software Development Handbook (Applied Software Engineering Series) Principles of Avionics, Third Edition Structural Elements for Architects and Builders: Design of Columns, Beams, and Tension Elements in Wood, Steel, and Reinforced Concrete, 2nd Edition Functions and Change: A Modeling Approach to College Algebra 4th (forth) edition Code Complete: A Practical Handbook of Software Construction, Second Edition Precalculus: Concepts Through Functions, A Unit Circle Approach to Trigonometry (3rd Edition) Precalculus: Concepts Through Functions, A Right Triangle Approach to Trigonometry Plus NEW MyMathLab with eText -- Access Card Package (3rd Edition) (Sullivan & Sullivan Precalculus Titles) Introduction to Avionics Systems Integrated Microwave Front-Ends with Avionics Applications (Artech House Microwave Library (Hardcover)) Manual of Avionics Civil Avionics Systems (AIAA Education Series) Principles of Avionics (Library of Flight) Radar Techniques Using Array Antennas (FEE radar, sonar, navigation & avionics series) Museums in Motion: An Introduction to the History and Functions of Museums (American Association for State and Local History) EXCEL: From Beginner to Expert - 2 Manuscripts + 2 BONUS BOOKS - Excel for Everyone, Data Analysis and Business Modeling (Functions and Formulas, Macros, MS Excel 2016, Shortcuts, Microsoft Office) Hands-On Programming with R: Write Your Own Functions and Simulations

[Dmca](#)