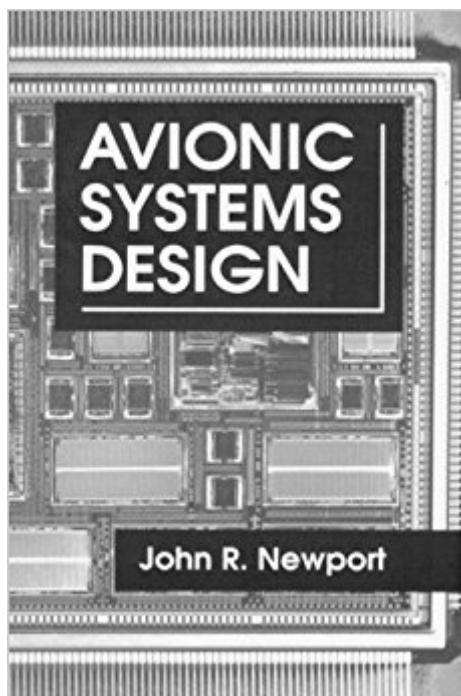


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Avionic Systems Design



Synopsis

Avionic Systems Design presents an engineering look at the impact of emerging policies - such as joint service programs and commercial co-developments - designed to broaden market sectors for real-time, embedded systems . It also touches on the different review and specification practices of DoD, NASA, and FAA. The topics cover a complete "how to" overview of the design process, including trade studies, detailed design, and formal reviews. In addition, the discussion links design decisions to a theoretical basis, including architecture integration strategy and communication models. The book also includes performance measurement analysis, interpretation of results, formulation of benchmarks, and numerous examples. Finally, it provides examples of the strategies and effects of requirements analysis and validation. An appendix offers an extensive list of acronyms.

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