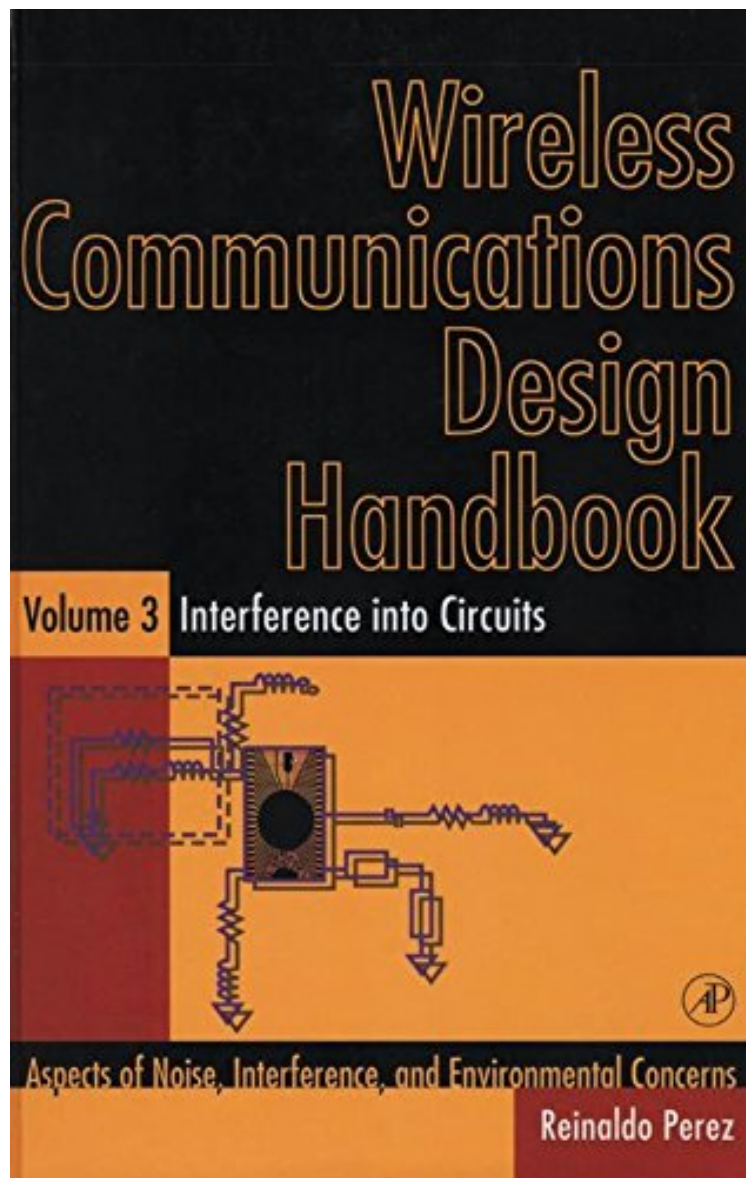


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Von Reinaldo Perez

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before purchasing it in order to gauge whether or not it would be worth my time, and all praised Wireless Communications Design Handbook: Interference into Circuits: Aspects of Noise, Interference, and Environmental Concerns: 3:

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. Very useful in Real Mass Production!!Von Ein KundeWhen I first saw this book, I was very astonished. I think its content is very useful to many engineers dealing with wireless communications product. This book has many useful analysis and tips which we must consider in mass-producing wireless product such as CDMA, PCS phones. In RF and Mass Product world, noise, interference and Environment is very important and this book deals with it. In short, it will be very helpful practically.

KurzbeschreibungThe need for controlling interference and limiting noise problems in wireless communications systems starts at the most fundamental levels of circuit design. When efficient approaches for noise control are implemented at the circuit level, it helps significantly to ensure the effective noise control for the overall system design. This book is a practical reference for engineers who are particularly interested in practical case studies covering how to avoid undesired interference and noise problems in their designs. It covers a significant number of chapters dedicated to different aspects of digital, analog, and mixed mode analog/digital design which are directly affected by noise and interference issues. Each of the three Wireless Communications Design Handbook volumes addresses theory and immediate applications. The approach followed is strictly hardware-oriented. The material presented provides a good, practical, and theoretical background of noise sources and their analysis, as well as methodologies for minimizing interference problems in electronic design.An applications-oriented reference for engineers, system designers, and practitionersIncludes computational techniques for simulationAddresses the most common interference concerns in wireless communications circuit designsPresents a hardware-oriented approach for addressing analog, digital, and mixed-mode interference concerns with a focus on designAddresses noise sources, interference models, and design solutions simultaneouslyCombines analytical and computer modeling for interference analysisAddresses interference concerns from the IC level to the subsystem levelKurzbeschreibungThe need for controlling interference and limiting noise problems in wireless communications systems starts at the most fundamental levels of circuit design. When efficient approaches for noise control are implemented at the circuit level, it helps significantly to ensure the effective noise control for the overall system design. This book is a practical reference for engineers who are particularly interested in practical case studies covering how to avoid undesired interference and noise problems in their designs. It covers a significant number of chapters dedicated to different aspects of digital, analog, and mixed mode analog/digital design which are directly affected by noise and interference issues. Each of the three Wireless Communications Design Handbook volumes addresses theory and immediate applications. The approach followed is strictly hardware-oriented. The material presented provides a good, practical, and theoretical background of noise sources and their analysis, as well as methodologies for minimizing interference problems in electronic design.An applications-oriented reference for engineers, system designers, and practitionersIncludes computational techniques for simulationAddresses the most common interference concerns in wireless communications circuit designsPresents a hardware-oriented approach for addressing analog, digital, and mixed-mode interference concerns with a focus on designAddresses noise sources, interference models, and design solutions simultaneouslyCombines analytical and computer modeling for interference analysisAddresses interference concerns from the IC level to the subsystem levelSynopsis Most books in wireless communications address technical subjects which are relevant to ground mobile systems. "Volume 2: Terrestrial and Mobile Interference of the Wireless Communications Design Handbook" addresses a topic frequently overlooked in ground mobile wireless system design: interference problems at the hardware level. This book employs a hardware-oriented approach, which is the most effective approach for addressing interference and noise problems in ground mobile wireless systems. The book is a practical reference for engineers who are particularly interested in practical case studies covering how to avoid undesired interference and noise problems in their designs. It covers some of the most common interference models usually addressed, and it describes material related to transmitter and receiver hardware design and how interference control plays a significant role in equipment performance. Each of the three "Wireless Communications Design Handbook" volumes addresses theory and immediate applications. Design issues are also considered in detail for the protection of wireless ground systems against interference.