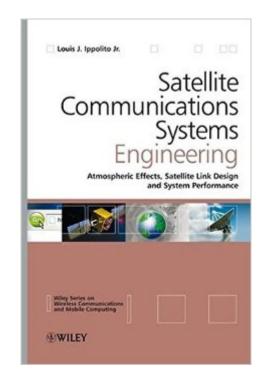
The book was found

Satellite Communications Systems Engineering: Atmospheric Effects, Satellite Link Design And System Performance





Synopsis

Provides an invaluable, detailed and up-to-date coverage of atmospheric effects and their impact on satellite communications systems design and performance. Significant progress has been made in the last decade in the understanding and modelling of propagation effects on radio wave propagation in the bands utilized for satellite communications. This book provides a comprehensive description and analysis of all atmospheric effects of concern for todayâ ™s satellite systems, and the tools necessary to design the links and to evaluate system performance. This book will serve as an excellent reference to communications engineers, wireless network and system engineers, system designers and graduate students in satellite communications and related areas. Key features: Provides the state of the art in communications satellite link design and performance from the practicing engineer perspective â " concise descriptions, specific procedures and comprehensive solutions Contains the calculations and tools necessary for evaluating system performance Provides a complete evaluation of atmospheric effects, modelling and prediction Focuses on the satellite free-space link as the primary element in the design and performance for satellite communications, and recognizes the importance of free-space considerations such as atmospheric effects, frequency of operation and adaptive mitigation techniques a solutions manual is available directly from the author (lippolit@gwu.edu)

Book Information

Hardcover: 394 pages Publisher: Wiley; 1 edition (October 13, 2008) Language: English ISBN-10: 0470725273 ISBN-13: 978-0470725276 Product Dimensions: 6.8 x 1 x 9.9 inches Shipping Weight: 2.4 pounds (View shipping rates and policies) Average Customer Review: 4.2 out of 5 stars Â See all reviews (5 customer reviews) Best Sellers Rank: #1,894,031 in Books (See Top 100 in Books) #66 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Satellite #375 in Books > Science & Math > Physics > Waves & Wave Mechanics #5781 in Books > Computers & Technology > Networking & Cloud Computing > Internet, Groupware, & Telecommunications

Customer Reviews

This book contains almost everything you need to know about satellite communications.

Explanations are very clear to understand and the examples relate to real world applications.

Excellent book.

Not as good information as I would've liked to see in a book of this price. Hopefully future versions will be better.

good condition and I am very happy with the book. Actually the writer of the book is teaching us this course so its even better. this is a great book for satcom.

Excellent source for an otherwise obscure technical engineering book

Download to continue reading...

Satellite Communications Systems Engineering: Atmospheric Effects, Satellite Link Design and System Performance After Effects for Flash / Flash for After Effects: Dynamic Animation and Video with Adobe After Effects CS4 and Adobe Flash CS4 Professional Satellite Communications Systems: Systems, Techniques and Technology Satellite Communications Systems Engineering (2nd Edition) Millimeter Wave Wireless Communications (Prentice Hall Communications Engineering and Emerging Technologies Series from Ted Rappaport) Satellite Communications, Fourth Edition (Professional Engineering) Satellite Communications Network Design and Analysis Filter Design for Satellite Communications: Helical Resonator Technology Engineering Design Communications: Conveying Design Through Graphics (2nd Edition) Earthquake Engineering: From Engineering Seismology to Performance-Based Engineering High-Performance System Design: Circuits and Logic (IEEE Press Series on Microelectronic Systems) Ask Your Guides Oracle Cards: The Direct Link To Your Personal Psychic Support System Electrostatic Effects in Soft Matter and Biophysics: Proceedings of the NATO Advanced Research Workshop on Electrostatic Effects in Soft Matter and ... 1-13 October 2000 (Nato Science Series II:) Adobe After Effects CS4 Visual Effects and Compositing Studio Techniques Data and Computer Communications (10th Edition) (William Stallings Books on Computer and Data Communications) Data and Computer Communications (William Stallings Books on Computer and Data Communications) Configuring Cisco Unified Communications Manager and Unity Connection: A Step-by-Step Guide (Networking Technology: IP Communications) Mobile Satellite Communications: Principles and Trends Communications at Sea: Marine Radio, Email, Satellite, and Internet Services The Origins of Satellite Communications, 1945-1965 (Smithsonian History of Aviation and Spaceflight Series)

<u>Dmca</u>