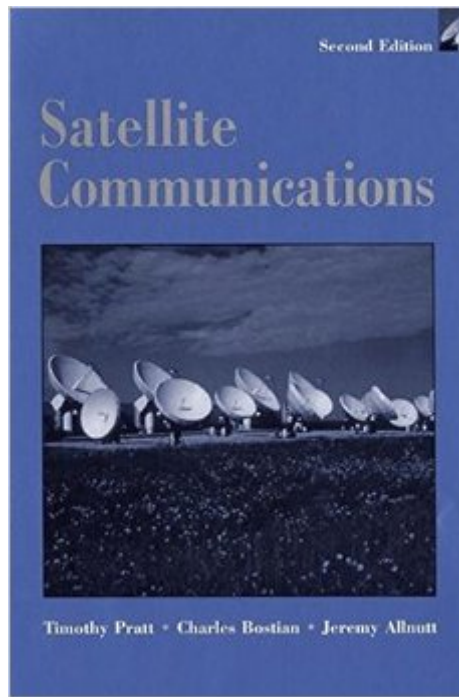


The book was found

Satellite Communications



Synopsis

Includes chapters on orbital mechanics, spacecraft construction, satellite-path radio wave propagation, modulation techniques, multiple access, and a detailed analysis of the communications link.

Book Information

Hardcover: 560 pages

Publisher: Wiley; 2 edition (October 25, 2002)

Language: English

ISBN-10: 047137007X

ISBN-13: 978-0471370079

Product Dimensions: 7.2 x 1 x 10.1 inches

Shipping Weight: 2.3 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars [See all reviews](#) (9 customer reviews)

Best Sellers Rank: #625,535 in Books (See Top 100 in Books) #13 in [Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Satellite](#) #116 in [Books > Science & Math > Physics > Waves & Wave Mechanics](#) #1878 in [Books > Computers & Technology > Networking & Cloud Computing > Internet, Groupware, & Telecommunications](#)

Customer Reviews

I read this book as a reference rather than a formal class textbook. As a self-studying student, the first book I bought to study satellite communications was the famous 'Digital Satellite Communications' written by Dr. Tri t. Ha. It is actually a quite good book. However it was just too much for a beginner. Too much mathematical formulas and too less literal explanation for a new concept. It took 8 months to read just one third of the book during my military service. Since I have been assigned to a digital satellite earthstation construction project recently, I needed a new book that explains more practically and easily. This 'Satellite Communications' by Dr. Timothy Pratt and Dr. Charles W. Bostian. To cover almost all area of the satellite communications, the overall composition is similar to other books. At chapter 3, 'SPACECRAFT', I could find fine explanation on the satellite beam and coverage. Especially, this helps me with understanding and analyzing the SRS-CDROM data. This is really great for me. Some basic and important concepts like Noise, C/N and G/T are very well described in chapter 4, 'SATELLITE LINK DESIGN'. Frankly, most books tend to jump to mathematical method to explain concepts. The author spared more pages to explain the concept and the physical meaning of the terminology. I know this is a very efficient and simple

way to show the existing and potential meaning of terminology. But there are hundreds of good reasons to have this kind of kind book for a slowly understanding engineer like me. :-) At chapter 5 and 6 to explain the modulation, multiplexing and multiple access, there are less fomulas and more tables and graphs. First, I read over those two chapters and went back to Dr. Ha's book above to learn the mathematical expression.

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

Satellite Communications Systems Engineering: Atmospheric Effects, Satellite Link Design and System Performance Innovations in Satellite Communication and Satellite Technology Satellite Communications Satellite Communications, Fourth Edition (Professional Engineering) Satellite Communications Fundamentals (Artech House space technology & applications library) Filter Design for Satellite Communications: Helical Resonator Technology Mobile Satellite Communications: Principles and Trends Satellite Communications Network Design and Analysis Communications at Sea: Marine Radio, Email, Satellite, and Internet Services Mobile Satellite Communications Handbook Satellite Communications Systems Engineering (2nd Edition) The Origins of Satellite Communications, 1945-1965 (Smithsonian History of Aviation and Spaceflight Series) Satellite Communications Systems: Systems, Techniques and Technology Configuring Cisco Unified Communications Manager and Unity Connection: A Step-by-Step Guide (Networking Technology: IP Communications) Millimeter Wave Wireless Communications (Prentice Hall Communications Engineering and Emerging Technologies Series from Ted Rappaport) 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) GPS Satellite Surveying, 2nd Edition DIY Satellite Platforms: Building a Space-Ready General Base Picosatellite for Any Mission KODI XBMC Magic: Watch Thousands of Movies & Tv Shows For Free On Your Pc Mac or Android Device Cancel Netflix Watch Free tv: guide listings online satellite box direct player receiver justin laptop

[Dmca](#)