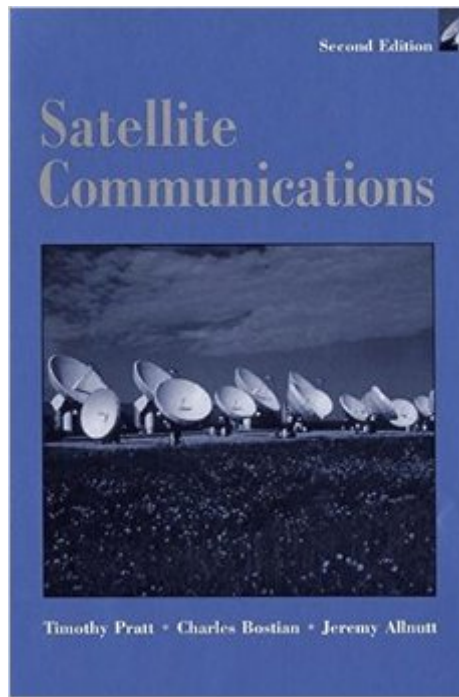**The book was found**

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

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

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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 famouns 'Digital Satellite Communications' ritten by Dr. Tri t. Ha. It is actually a quite good book. However it was just too much for a eginner. Too much mathmatical fomulars and too less literatual explanation for a new concept. It took 8 months to read just one third of the book during my militarry service. Since I have been assigned to a digital satellite earthstation construction project recently, I needed a new book that explains more practically and easilly. This 'Satellite Communications' by Dr. Timothy Pratt and Dr. Charles W. Bostian.To cover allmost all area of the satellite communications, the overall composition is simillar to other books. At charper 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 descibed in chapter 4, 'SATELLITE LINK DESIGN'. Freankly, most books tend to jump to mathmatical 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 eficient 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 mathmatical expression.

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