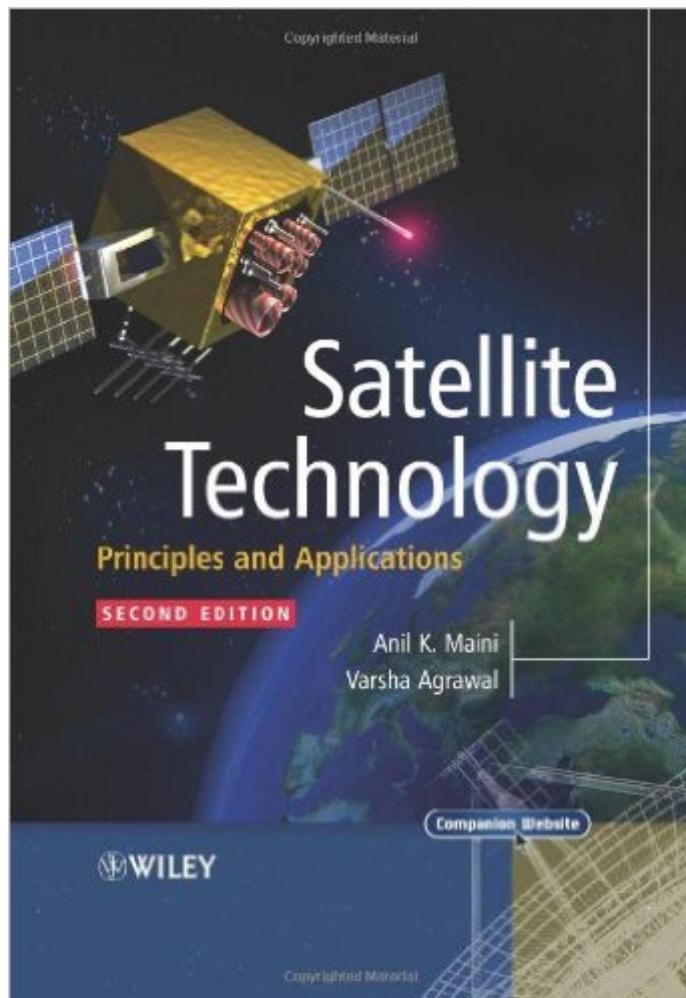


The book was found

Satellite Technology: Principles And Applications



Synopsis

A comprehensive, single-source reference on satellite technology and its applications, *Satellite Technology: Principles and Applications*, Second Edition includes the latest developments on the topic. Covering the features and facilities of satellites and satellite launch vehicles, with an emphasis on the fundamental principles and concepts, the authors provide readers with a complete understanding of the technology. This book explains the past, present and future satellite missions, as well as non-communication related applications. Coverage ranges from remote sensing and navigational uses to meteorological and military areas. This second edition contains an additional chapter on earth station design and gives extensive focus to space based weapon systems, satellite interference and future trends in satellite technology. Extra information has also been provided on all of the first edition's topics to enhance the existing coverage. Fully updated new edition with latest technological developments Covers the full range of important applications such remote sensing, weather forecasting, navigational, scientific and military applications Amply illustrated with figures and photographs, this book also contains problems with solutions, which is of benefit students at undergraduate and graduate levels An indispensable book for professionals and students in the field of satellite technology Companion website provides a complete and updated compendium on satellites and satellite launch vehicles

Book Information

Hardcover: 696 pages

Publisher: Wiley; 2 edition (November 1, 2010)

Language: English

ISBN-10: 0470660244

ISBN-13: 978-0470660249

Product Dimensions: 6.9 x 1.6 x 9.8 inches

Shipping Weight: 3 pounds

Average Customer Review: 4.5 out of 5 stars [See all reviews](#) (2 customer reviews)

Best Sellers Rank: #1,522,749 in Books (See Top 100 in Books) #46 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Satellite #304 in Books > Science & Math > Physics > Waves & Wave Mechanics #746 in Books > Textbooks > Engineering > Aeronautical Engineering

Age Range: 1 - 17 years

Grade Level: 1 and up

Customer Reviews

The book is unique and one of its kind in content and presentation. It is such a nice and comprehensive blend of technology-related and application-related aspects of satellites. I would like to highlight two special features. One is comprehensive treatment of non-communication applications of satellites. Second is simple and very easy-to-understand description of technological aspects related to satellite orbits, trajectories and launch procedures, which are otherwise considered as very difficult topics. Congratulations to both authors for successfully attempting such a work, which was badly needed by students, researchers and professionals alike. And congratulations to publishers on bringing out the book in an amazing production get-up.

All the main information needed for engineers who sooner or later will have to deal with satellite technology, essential for those who don't want to look like neophytes

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

Innovations in Satellite Communication and Satellite Technology
Satellite Technology: Principles and Applications
Satellite Communications Systems Engineering: Atmospheric Effects, Satellite Link Design and System Performance
Satellite Communications Fundamentals (Artech House space technology & applications library)
Satellite Communications Systems: Systems, Techniques and Technology
Filter Design for Satellite Communications: Helical Resonator Technology
Mobile Satellite Communications: Principles and Trends
SATELLITE COMMUNICATION: Concepts and Applications
Business Strategies for Satellite Systems (Artech House Space Applications Series)
Introduction to Satellite Communication (Artech House Space Applications)
Sliding Friction: Physical Principles and Applications (NanoScience and Technology)
Functional Polymer Coatings: Principles, Methods, and Applications (Wiley Series on Polymer Engineering and Technology)
Wireless Positioning Technologies and Applications, Second Edition (Gnss Technology and Applications)
Handbook of Industrial Refractories
Technology: Principles, Types, Properties and Applications
Antisense Drug Technology: Principles, Strategies, and Applications, Second Edition
The Complete Works of Herbert Spencer: The Principles of Psychology, The Principles of Philosophy, First Principles and More (6 Books With Active Table of Contents)
Ergonomics: Foundational Principles, Applications, and Technologies (Ergonomics Design & Management Theory & Applications)
Television: Beginners Guide: Cutting the Cord, Life Without Cable and Satellite TV: Save Money Using Kindle Fire Stick, Roku, and Much More
Start a TV Station: Learn How to Start Satellite, Cable, Analog and Digital Broadcast TV Channels and The ITU and

Managing Satellite Orbital and Spectrum Resources in the 21st Century (SpringerBriefs in Space Development)

[Dmca](#)