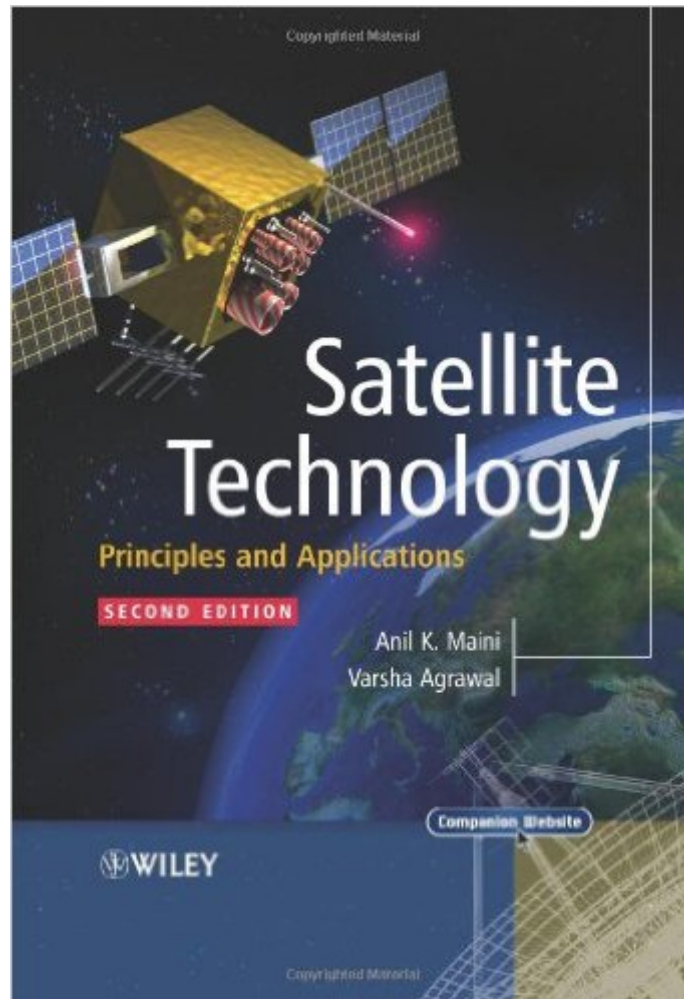


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# Satellite Technology: Principles And Applications



## 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 as 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 to 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)

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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

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