

1. Record Nr.	UNINA9910828009603321
Autore	Maini Anil Kumar
Titolo	Satellite technology : principles and applications // Anil K. Maini, Varsha Agrawal
Pubbl/distr/stampa	Chichester, West Sussex : , : Wiley, , [2014] [Piscataway, New Jersey] : , : IEEE Xplore, , [2014]
ISBN	1-118-63645-7 1-118-63637-6 1-118-63641-4
Edizione	[Third edition.]
Descrizione fisica	1 online resource (153 page)
Altri autori (Persone)	AgrawalVarsha
Disciplina	629.46
Soggetti	Artificial satellites Scientific satellites
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
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## Sommario/riassunto

Fully updated edition of the comprehensive, single-source reference on satellite technology and its applications. Covering both the technology and its applications, *Satellite Technology* is a comprehensive reference on satellites and their commercial, scientific and military applications. The book explains satellite technology fully, beginning with an introduction to the fundamentals, before covering other important topics including orbits and trajectories, launch and in-orbit operations, hardware, communication techniques, multiple access techniques, and link design. This new edition also includes two new chapters comprehensively covering networking concepts and emerging trends in satellite technology and its applications, including some unconventional related topics. Providing a complete survey of applications, from weather forecasting, remote sensing and military uses, to navigational and scientific applications, the authors also present an inclusive compendium on satellites and satellite launch vehicles. Filled with diagrams and illustrations, this book serves as an ideal introduction for those new to the topic, as well as a reference point for professionals. A companion website provides a revised and updated compendium on satellites and satellite launch vehicles. <a href="http://www.wiley.com/go/maini3">www.wiley.com/go/maini3</a>.

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