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Nota di contenuto	Overview -- Spacecraft TT&C Antenna -- Spacecraft DTA -- Spacecraft GNSS Antenna -- Intersatellite Link Antenna -- Communication Satellite Payload Antenna -- Microwave Remote Sensing Satellite Payload Antenna -- Low Frequency Antenna and Small Satellite Antenna -- Reliability Design of Spacecraft Antenn -- Spacecraft Antenna Test Technology -- Design Case of Typical Spacecraft Antenna System -- Overview of New Technology of Spacecraft Antenna.
Sommario/riassunto	This book focuses on engineering design approaches for spacecraft antennas. Based on their functions in spacecraft, it discusses practical antenna design, measurement and testing. Most of the antennas covered originated at the China Academy of Space Technology (CAST), which has launched almost 300 satellites into orbit. The book presents antenna systems for seven existing spacecraft designs, while also introducing readers to new antenna technologies for spacecraft. This book is intended for researchers, graduate students, and engineers in various fields of aerospace technology and astronautics, especially spacecraft design, communication engineering and related areas.