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| Sommario/riassunto | Understand all aspects of ground station design with this groundbreaking volume A satellite ground station is a terrestrial station built to communicate or receive signals from spacecraft and other astronomical and interplanetary sources. Since ground stations are subject to weather and other terrestrial conditions, their operations can be unpredictable, and their design offers numerous challenges for engineers. Satellite Ground Station Antennas constitutes the first-ever comprehensive overview of these challenges and the tools by which engineers of all kinds can meet them. Analyzing every aspect of ground station antenna technology, the book can be read both continuously or as a reference, with each chapter functioning by itself to fully apprehend a discrete portion of the subject. Balancing mathematics |

with mechanics, it combines accessibility and rigor to create an unprecedented resource. Readers will also find:

- * In-depth material published in a fully accessible form for the first time
- * Detailed discussion of topics including reflector design, structural considerations, proof-of-performance, and more
- * Lavish illustrations and photographs throughout

Satellite Ground Station Antennas is ideal for electrical, mechanical, and civil engineers, as well as for any other industry professional working with ground station design.
