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Note generali	Description based upon print version of record.
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Nota di contenuto	Introduction -- Theories and Technologies of Tracking & Orbit-Measuring -- Information Transmission Technologies -- Spread Spectrum TT&C -- Special issues on Radio Transmission Channel in C&T.
Sommario/riassunto	Spacecraft TT&C and Information Transmission Theory and Technologies introduces the basic theory of spacecraft TT&C (telemetry, track and command) and information transmission. Combining TT&C and information transmission, the book presents several technologies for continuous wave radar including measurements for range, range rate and angle, analog and digital information transmissions, telecommand, telemetry, remote sensing

and spread spectrum TT&C. For special problems occurred in the channels for TT&C and information transmission, the book represents radio propagation features and its impact on orbit measurement accuracy, and the effects caused by rain attenuation, atmospheric attenuation and multi-path effect, and polarization composition technology. This book can benefit researchers and engineers in the field of spacecraft TT&C and communication systems. Liu Jiaying is a professor at The 10th Institute of China Electronics Technology Group Corporation.
