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Autore	Thornton Catherine L
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VLBI Calibration System; 4.1.5 Major Error Sources; 4.2 Spacecraft VLBI System Performance; 4.3 Utility of Open-Loop Recordings; References; Chapter 5: Future Directions in Radiometric Tracking; 5.1 Doppler and Range; 5.2 Very Long Baseline Interferometry
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Sommario/riassunto

Radiometric Tracking Techniques for Deep-Space Navigation focuses on a broad array of technologies and concepts developed over the last four decades to support radio navigation on interplanetary spacecraft. In addition to an overview of Earth-based radio navigation techniques, the book includes a simplified conceptual presentation of each radiometric measurement type, its information content, and the expected measurement accuracy. The methods described for both acquiring and calibrating radiometric measurements also provide a robust system to support guidance and navigation for future robotic