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Autore	Bringmann, Klaus
Titolo	Augustus und die Begründung des römischen Kaisertums / Klaus Bringmann; Thomas Schäfer
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Altri autori (Persone)	Schäfer, Thomas
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Autore	Miller James
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Altri autori (Persone)	WeeksConnie
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Nota di contenuto	Chapter 1 Equations of Motion -- Chapter 2 Force Models -- Chapter 3 Trajectory Design -- Chapter 4 Trajectory Optimization -- Chapter 5 Probability and Statistics -- Chapter 6 Orbit Determination -- Chapter 7 Measurements and Calibrations -- Chapter 8 Navigation Operations -- Chapter 9 Einstein Field Equations -- Chapter 10 Schwarzschild Solution for Spherical Symmetry -- Chapter 11 Comparison of Numerical Integration and Analytic Solutions -- Chapter 12 General Relativity Time Delay Experiment -- Chapter 13 Navigation Analysis -- Chapter 14 Navigation System Summary.
Sommario/riassunto	In this new edition, the authors James Miller and Connie Weeks dive deeper into how computer programming has assisted with planetary spacecraft navigation; evaluating real-world results and relying on complex mathematical theory to observe advancements made in this rapidly accelerating field. This textbook introduces the theories and

practical procedures used in planetary spacecraft navigation. Written by a former member of NASA's Jet Propulsion Laboratory (JPL) navigation team with his co-author, it delves into the mathematics behind modern digital navigation programs, as well as the numerous technological resources used by JPL as a key player in the field. In addition, the text offers an analysis of navigation theory application in recent missions, with the goal of showing students the relationship between navigation theory and the real-world orchestration of mission operations.
