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Titolo	Celestial mechanics : dedicated to Donald Saari for his 60th birthday : proceedings of an international conference on celestial mechanics, December 15-19, 1999, Northwestern University, Evanston, Illinois / / Alain Chenciner [and three others], editors
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Descrizione fisica	1 online resource (282 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 292
Disciplina	521
Soggetti	Celestial mechanics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents -- Spatial central configurations for the 1 + 4 body problem -- Analytic estimation of weak stability boundaries and low energy transfers -- The complex geometry of the spherical pendulum -- Action minimizing periodic orbits in the Newtonian n-body problem -- On symmetric periodic orbits of the elliptic Sitnikov problem via the analytic continuation method -- Constructing a low energy transfer between Jovian moons -- The generalized Sitnikov problem -- Reflexions on the future of celestial mechanics -- Generic drift on Cantor sets of annuli -- Action spectrum and collisions in the planar three-body problem -- A variational shadowing method -- Symbolic dynamics for transition tori -- Dynamical properties of the figure eight solution of the three-body problem -- Diffusion in comet motion -- The Hill's region of the four-body problem -- Some of the problems that Saari did not solve.