

1. Record Nr.	UNINA9910480462403321
Titolo	Hamiltonian dynamics and celestial mechanics : a Joint Summer Research Conference on Hamiltonian Dynamics and Celestial Mechanics, June 25-29, 1995, Seattle, Washington // Donald G. Saari, Zhihong Xia, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [1996] ©1996
ISBN	0-8218-7789-5 0-8218-0566-5
Descrizione fisica	1 online resource (250 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 198
Disciplina	514/.74
Soggetti	Hamiltonian systems Celestial mechanics - Mathematics Electronic books.
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""; ""Preface""; ""Qualitative Study of the Parabolic Collision Restricted Three-body Problem""; ""Singularities in the Newtonian n-body Problem""; ""A Variational Approach to Multibump Solutions of Differential Equations""; ""Melnikov Method for Autonomous Hamiltonians""; ""Exponentially Small Transversality in the Rapidly Forced Pendulum""; ""The Collinear One-bumper Two-body Problem""; ""Limiting Mass Distributions of Minimal Potential Central Configurations""; ""The Symmetric Central Configurations of Four Equal Masses"" ""Central Configurations in the Charged Three Body Problem"" ""Reduction in the Rotating Kepler Problem and Related Topics""; ""Asymptotic Behavior of Escape Solutions of Mechanical Systems with Polynomial Potentials""; ""More on the Heteroclinic Orbits for the Monotone Twist Maps""; ""Transition Maps of Homoclinic Orbits and Resonances near Bifurcations of Circle Maps""; ""Resonance Transition and Instabilities; A Numerical Study of the Restricted Three-body Problem""; ""Directions of Hamiltonian Dynamics and Celestial

