

1. Record Nr.	UNISA996466701703316
Titolo	Singularities in gravitational systems : applications to chaotic transport in the solar system // Daniel Benest, Claude Froeschle (editors)
Pubbl/distr/stampa	Berlin, Germany ; ; New York, New York : , : Springer-Verlag, , [2002] ©2002
ISBN	3-540-48009-9
Edizione	[1st ed. 2002.]
Descrizione fisica	1 online resource (XI, 216 p.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 590
Disciplina	521
Soggetti	Celestial mechanics Naked singularities (Cosmology) Chaotic behavior in systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Singularities, Collisions and Regularization Theory -- The Levi-Civita, KS and Radial-Inversion Regularizing Transformations -- The Birkhoff and B 3 Regularizing Transformations -- Perturbative Methods in Regularization Theory -- Collisions and Singularities in the n-body Problem -- Triple Collision and Close Triple Encounters -- Dynamical and Kinetic Aspects of Collisions -- Chaotic Scattering in Planetary Rings -- Close Encounters in Öpik's Theory -- Generalized Averaging Principle and Proper Elements for NEAs.
Sommario/riassunto	Chaos theory plays an important role in modern physics and related sciences, but -, the most important results so far have been obtained in the study of gravitational systems applied to celestial mechanics. The present set of lectures introduces the mathematical methods used in the theory of singularities in gravitational systems, reviews modeling techniques for the simulation of close encounters and presents the state of the art about the study of diffusion of comets, wandering asteroids, meteors and planetary ring particles. The book will be of use to researchers and graduate students alike.

2. Record Nr.	UNINA9910715979603321
Autore	Spinello Anthony G.
Titolo	Base flow of 10 south-shore streams, Long Island, New York, 1976-85, and the effects of urbanization on base flow and flow duration / / by Anthony G. Spinello and Dale L. Simmons ; prepared in cooperation with the Nassau County Department of Public Works and Suffolk County Department of Health Services
Pubbl/distr/stampa	Syosset, New York : , : U.S. Geological Survey, , 1992
Descrizione fisica	1 online resource (v, 34 pages) : illustrations, maps
Collana	Water-resources investigations report ; ; 90-4205
Soggetti	Stream measurements - New York (State) - Long Island Groundwater flow - New York (State) - Long Island Urbanization - New York (State) - Long Island Groundwater flow Stream measurements New York (State) Long Island
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (pages 33-34).