1. Record Nr. UNINA9910437982103321

Autore	Ferronskii V. I (Vasilii Ivanovich)
Titolo	Formation of the solar system : a new theory of the creation and decay of the celestial bodies / / V.I. Ferronsky, S. V. Ferronsky
Pubbl/distr/stampa	Dordrecht, : Springer, c2013
ISBN	1-299-40804-4 94-007-5908-8
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (313 p.)
Altri autori (Persone)	FerronskiiS. V
Disciplina	523.2
Soggetti	Solar system Solar system Age
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 and index.
Nota di contenuto	The nature of creation and orbiting of the planets and satellites -- Physical meaning of hydrostatic equilibrium of celestial bodies -- Physical meaning of dynamical equilibrium of an interacting body -- Jacobi’s virial equation as a basis of the theory of dynamical equilibrium of natural systems -- Solution of Jacobi’s virial equation for conservative and dissipative systems -- Creation, separation and orbiting of the Solar System bodies -- Evolutionary processes as a consequence of dynamical effects -- The Nature of electromagnetic field of a celestial body and mechanism for its generation -- Decay and creation of a hierarchic body system at expansion and attraction of the force field.
Sommario/riassunto	Analysis of the orbital motion of the Earth, the Moon and other planets and their satellites led to the discovery that all bodies in the Solar System are moving with the first cosmic velocity of their protoparents. The mean orbital velocity of each planet is equal to the first cosmic velocity of the Protosun, the radius of which is equal to the semi-major axis of the planet’s orbit. The same applies for the planets’ satellites. All the small planets, comets, other bodies and the Sun itself follow this law, a finding that has also been proven by astronomical observations. The theoretical solutions based on the Jacobi dynamics explain the process of the system creation and decay, as well as the nature of Kepler’s laws.

2.

Record Nr.	UNINA9911006828803321
Autore	Harris Ian D
Titolo	Plasma arc cutting of bridge steels / / Ian D. Harris
Pubbl/distr/stampa	Transportation Research Board
ISBN	1-5231-0888-6
Disciplina	625.7 s 624/.257
Soggetti	Plasma arc cutting Iron and steel bridges
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia