

1. Record Nr.	UNISA996466838703316
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Titolo	Introduction to orbital perturbations // James M. Longuski, Felix R. Hoots and George E. Pollock
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
ISBN	3-030-89758-3
Descrizione fisica	1 online resource (349 pages) : illustrations (some color)
Collana	Space Technology Library ; ; v.40
Disciplina	521.3
Soggetti	Perturbation (Astronomy) Planets - Orbits
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Preface -- Acknowledgments -- Contents -- Nomenclature -- Coordinate Systems -- Latin Characters -- Greek Characters -- Mathematical Symbols and Operators -- Method of Averaging Symbols -- Chapter 1. The n-Body Problem Chapter 2. General Perturbations Chapter 3. Evaluation of Lagranges Brackets Chapter 4. Lagranges Planetary Equations Chapter 5. Expansion of the Perturbation Function Chapter 6. The Earth-Moon System Chapter 7. Potential of an Oblate Spheroid Chapter 8. Effects of General Relativity Chapter 9. Perturbations due to Atmospheric Drag Chapter 10. Periodic Solutions in Nonlinear Oscillations
Sommario/riassunto	This textbook provides details of the derivation of Lagrange's planetary equations and of the closely related Gauss's variational equations, thereby covering a sorely needed topic in existing literature. Analytical solutions can help verify the results of numerical work, giving one confidence that his or her analysis is correct. The authors all experienced experts in astrodynamics and space missionstake on the massive derivation problem step by step in order to help readers identify and understand possible analytical solutions in their own endeavors.

2. Record Nr.	UNISA996212894803316
Titolo	Utility week
Pubbl/distr/stampa	Sutton : , : Reed Business Publishing
Descrizione fisica	1 online resource
Disciplina	333.790942
Soggetti	Public utilities - Great Britain Energy industries - Great Britain Power resources - Great Britain Electric utilities - Great Britain Services publics - Grande-Bretagne Industries énergétiques - Grande-Bretagne Ressources énergétiques - Grande-Bretagne Services publics d'électricité - Grande-Bretagne Electric utilities Energy industries Power resources Public utilities Periodicals. Great Britain
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico