

Download Orbital Dynamics In The Gravitational Field Of Small Bodies

Orbital mechanics or astrodynamics is the application of ballistics and celestial mechanics to the practical problems concerning the motion of rockets and other spacecraft. In celestial mechanics, an orbital resonance occurs when orbiting bodies exert a regular, periodic gravitational influence on each other, usually because their orbital periods are related by a ratio of small integers. Orbital mechanics, also called flight mechanics, is the study of the motions of artificial satellites and space vehicles moving under the influence of forces such as gravity, atmospheric drag, thrust, etc. Orbital mechanics is a modern offshoot of celestial mechanics which is the study of the motions of natural celestial bodies such as the moon ...Preprint typeset in JHEP style - HYPER VERSION Lent Term, 2013 Dynamics and Relativity University of Cambridge Part IA Mathematical Tripos David Tong, Orbital Dynamics In The Gravitational Field Of Small Bodies.

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