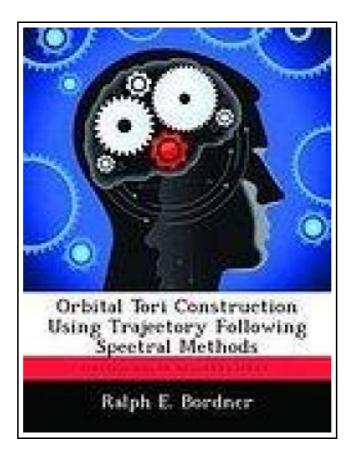
Orbital Tori Construction Using Trajectory Following Spectral Methods



Filesize: 9.69 MB

Reviews

Extremely helpful for all type of folks. It generally is not going to expense a lot of. I found out this book from my dad and i advised this book to find out.

(Melany Goyette)

ORBITAL TORI CONSTRUCTION USING TRAJECTORY FOLLOWING SPECTRAL METHODS



To save **Orbital Tori Construction Using Trajectory Following Spectral Methods** PDF, remember to follow the web link listed below and download the ebook or gain access to other information which might be related to ORBITAL TORI CONSTRUCTION USING TRAJECTORY FOLLOWING SPECTRAL METHODS book.

Biblioscholar Okt 2012, 2012. Taschenbuch. Book Condition: Neu. 246x189x11 mm. This item is printed on demand - Print on Demand Neuware - The Kolmogorov-Arnold-Moser (KAM) theorem states that lightly perturbed integrable Hamiltonian systems maintain their multiply periodic, toroidal motion in the phase space. The assertion that earth orbiting satellites under the influence of the geopotential mimic this behavior is the underlying premise of this work. This paper focuses on applying trajectory following spectral methods on selected orbits to decompose them into multi-periodic Fourier series, effectively compressing ephemerides for long-term use. The proposed approach focuses on fitting local spectral structures, denoted as frequency clusters, within the sampled orbital data to the analytical form of the windowed, truncated, continuous Fourier transform. This approach is significantly more numerically efficient than fitting every coefficient within the N-tuple Fourier series simultaneously. Numerical results using integrated data show maximum error in orbital torus fits can be kept at the single-digit-meter level per coordinate axis over a 1 year period. 188 pp. Englisch.

Read Orbital Tori Construction Using Trajectory Following Spectral Methods Online
Download PDF Orbital Tori Construction Using Trajectory Following Spectral
Methods

Relevant Books



[PDF] Psychologisches Testverfahren

Click the link listed below to read "Psychologisches Testverfahren" document.

Read PDF »



[PDF] Programming in D

Click the link listed below to read "Programming in D" document.

Read PDF »



[PDF] Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird

Click the link listed below to read "Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird" document.

Read PDF »



[PDF] Adobe Indesign CS/Cs2 Breakthroughs

Click the link listed below to read "Adobe Indesign CS/Cs2 Breakthroughs" document.

Read PDF »



[PDF] The Java Tutorial (3rd Edition)

Click the link listed below to read "The Java Tutorial (3rd Edition)" document.

Read PDF »



[PDF] New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond

Click the link listed below to read "New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond" document.

Read PDF »