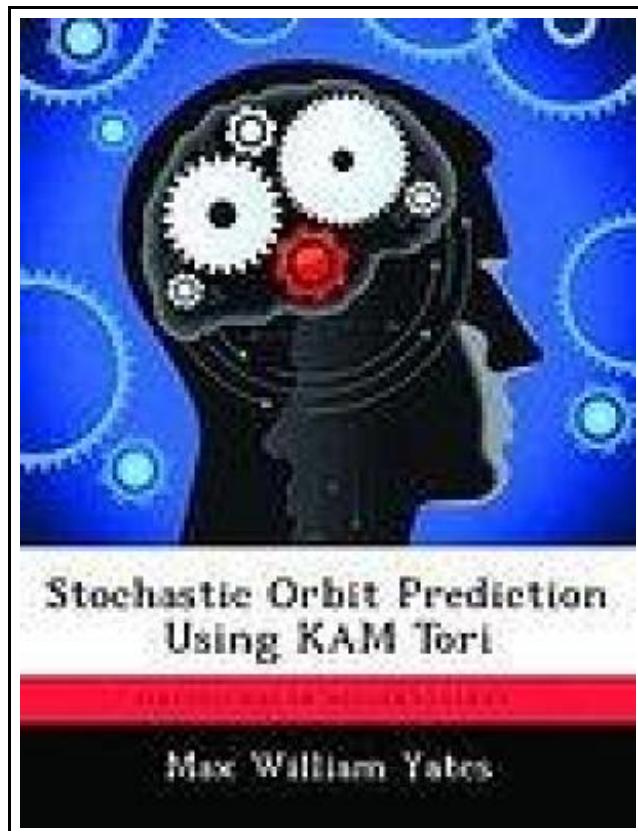


## Stochastic Orbit Prediction Using KAM Tori



Filesize: 8.49 MB

### Reviews

*The book is great and fantastic. It is written in straightforward words and phrases rather than difficult to understand. You won't really feel monotony at any time of your respective time (that's what catalogues are for regarding should you question me).*

*(Payton Miller)*

## STOCHASTIC ORBIT PREDICTION USING KAM TORI

[DOWNLOAD](#)

To read **Stochastic Orbit Prediction Using KAM Tori** PDF, make sure you access the hyperlink listed below and save the file or have accessibility to additional information that are relevant to STOCHASTIC ORBIT PREDICTION USING KAM TORI book.

BiblioScholar Nov 2012, 2012. Taschenbuch. Book Condition: Neu. 246x189x13 mm. This item is printed on demand - Print on Demand Neuware - Kolmogorov-Arnold-Moser (KAM) Theory states that a lightly perturbed, conservative, dynamical system will exhibit lasting quasi-periodic motion on an invariant torus. Its application to purely deterministic orbits has revealed exquisite accuracy limited only by machine precision. The theory is extended with new mathematical techniques for determining and predicting stochastic orbits for Earth satellite systems. The linearized equations of motion are developed and a least squares estimating environment is pioneered to fit observation data from the International Space Station to a phase space trajectory that exhibits drifting toroidal motion over a dense continuum of adjacent tori. The dynamics near the reference torus can be modeled with time-varying torus parameters that preserve both deterministic and stochastic effects. These parameters were shown to predict orbits for days into the future without tracking updates--a vast improvement over classical methods of orbit propagation that require routine updates. 220 pp. Englisch.

[Read Stochastic Orbit Prediction Using KAM Tori Online](#)[Download PDF Stochastic Orbit Prediction Using KAM Tori](#)

## Other Books

---



### [PDF] Psychologisches Testverfahren

Access the web link under to download "Psychologisches Testverfahren" PDF document.

[Save ePUB »](#)

---



### [PDF] Programming in D

Access the web link under to download "Programming in D" PDF document.

[Save ePUB »](#)

---



### [PDF] DK Readers Invaders From Outer Space Level 3 Reading Alone

Access the web link under to download "DK Readers Invaders From Outer Space Level 3 Reading Alone" PDF document.

[Save ePUB »](#)

---



### [PDF] Jape the Grape Ape from Outer Space Episode Three: Who Stole the Stars?

Access the web link under to download "Jape the Grape Ape from Outer Space Episode Three: Who Stole the Stars?" PDF document.

[Save ePUB »](#)

---



### [PDF] The Java Tutorial (3rd Edition)

Access the web link under to download "The Java Tutorial (3rd Edition)" PDF document.

[Save ePUB »](#)

---



### [PDF] Adobe Indesign CS/Cs2 Breakthroughs

Access the web link under to download "Adobe Indesign CS/Cs2 Breakthroughs" PDF document.

[Save ePUB »](#)