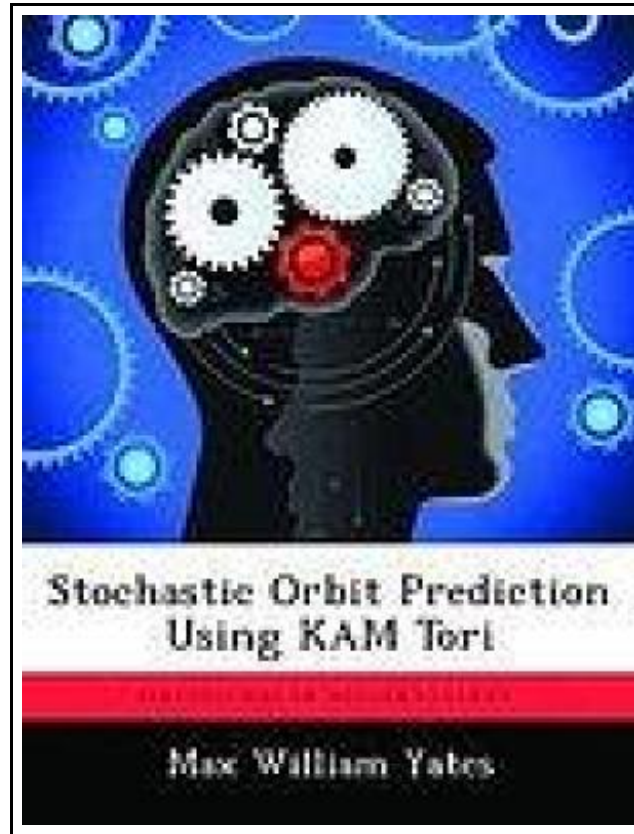


Stochastic Orbit Prediction Using KAM Tori



Filesize: 5.66 MB

Reviews

Complete information for book fanatics. It normally does not cost excessive. I am very easily can get a satisfaction of reading a created publication.

(Mrs. Winifred Fritsch)

STOCHASTIC ORBIT PREDICTION USING KAM TORI

[DOWNLOAD](#)

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](#)

Related eBooks



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

[Read eBook »](#)



Programming in D

Ali Cehreliz 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

[Read eBook »](#)



DK Readers Invaders From Outer Space Level 3 Reading Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 8.9in. x 5.9in. x 0.1in. Are aliens from other planets visiting Earth Read these amazing stories of alien encounters -- and make up your own mind!...

[Read eBook »](#)



Jape the Grape Ape from Outer Space Episode Three: Who Stole the Stars? (Paperback)

AUTHORHOUSE, United States, 2007. Paperback. Book Condition: New. Erik Rodenhiser (illustrator). 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. This book is hysterically funny; I love it. I...

[Read eBook »](#)



The Java Tutorial (3rd Edition)

Pearson Education, 2001. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Praise for "The Java' Tutorial, Second Edition" includes: "This book...

[Read eBook »](#)

**Instrumentation and Control Systems**

Elsevier Science & Technology. Paperback. Book Condition: new. BRAND NEW PRINT ON DEMAND., Instrumentation and Control Systems, William Bolton, In a clear and readable style, Bill Bolton addresses the basic principles of modern instrumentation and

[Download PDF »](#)

**Oxford Mini School Thesaurus**

Oxford University Press, United Kingdom, 2012. Part-work (fasciculo). Book Condition: New. 116 x 88 mm. Language: English . Brand New Book. The Oxford Mini School Thesaurus is the best quick reference tool for students aged

[Download PDF »](#)

**The Mystery of God s Evidence They Don t Want You to Know of (Paperback)**

Createspace, United States, 2012. Paperback. Book Condition: New. 276 x 214 mm. Language: English . Brand New Book ***** Print on Demand *****.Save children s lives learn the discovery of God Can we discover God?

[Download PDF »](#)

**Genuine] kindergarten curriculum theory and practice(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2011-07 Publisher: East China Normal University Press Introduction Jiaxiong. Huang Jin.

[Download PDF »](#)

**The TW treatment of hepatitis B road of hope(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-10-28 Pages: 119 Publisher: People's Medical racket Reading: All books are

[Download PDF »](#)