

Introduction to the Perturbation Theory of Hamiltonian Systems



Filesize: 6.36 MB

Reviews

A high quality ebook along with the font employed was fascinating to read. It really is written in easy phrases rather than confusing. I am just easily can get a satisfaction of looking at a composed publication.

(Isai Bradtke)

INTRODUCTION TO THE PERTURBATION THEORY OF HAMILTONIAN SYSTEMS

DOWNLOAD



To read **Introduction to the Perturbation Theory of Hamiltonian Systems** eBook, make sure you access the link below and download the file or have accessibility to additional information which might be relevant to INTRODUCTION TO THE PERTURBATION THEORY OF HAMILTONIAN SYSTEMS book.

Springer-Verlag GmbH Okt 2009, 2009. Buch. Book Condition: Neu. 235x155x22 mm. Neuwere - This book is an extended version of lectures given by the first author in 1995-1996 at the Department of Mechanics and Mathematics of Moscow State University. We believe that a major part of the book can be regarded as an additional material to the standard course of Hamiltonian mechanics. In comparison with the original Russian 1st version we have included new material, simplified some proofs and corrected misprints. Hamiltonian equations first appeared in connection with problems of geometric optics and celestial mechanics. Later it became clear that these equations describe a large class of systems in classical mechanics, physics, chemistry, and other domains. Hamiltonian systems and their discrete analogs play a basic role in such problems as rigid body dynamics, geodesics on Riemann surfaces, quasi-classic approximation in quantum mechanics, cosmological models, dynamics of particles in an accelerator, billiards and other systems with elastic reflections, many in finite-dimensional models in mathematical physics, etc. In this book we study Hamiltonian systems assuming that they depend on some parameter (usually ϵ), where for $\epsilon = 0$ the dynamics is in a sense simple (as a rule, integrable). Frequently such a parameter appears naturally. For example, in celestial mechanics it is accepted to take ϵ equal to the ratio: the mass of Jupiter over the mass of the Sun. In other cases it is possible to introduce the small parameter artificially. 211 pp. English.



Read Introduction to the Perturbation Theory of Hamiltonian Systems Online



Download PDF Introduction to the Perturbation Theory of Hamiltonian Systems



Download ePub Introduction to the Perturbation Theory of Hamiltonian Systems

Other PDFs



[PDF] Programming in D

Follow the web link listed below to get "Programming in D" PDF file.

[Download Document »](#)



[PDF] Psychologisches Testverfahren

Follow the web link listed below to get "Psychologisches Testverfahren" PDF file.

[Download Document »](#)



[PDF] Learn the Nautical Rules of the Road: An Expert Guide to the COLREGs for All Yachtsmen and Mariners

Follow the web link listed below to get "Learn the Nautical Rules of the Road: An Expert Guide to the COLREGs for All Yachtsmen and Mariners" PDF file.

[Download Document »](#)



[PDF] Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)

Follow the web link listed below to get "Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)" PDF file.

[Download Document »](#)



[PDF] You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most

Follow the web link listed below to get "You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most" PDF file.

[Download Document »](#)



[PDF] Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625) (Paperback)

Follow the web link listed below to get "Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625) (Paperback)" PDF file.

[Download Document »](#)

**[PDF] The Pickthorn Chronicles**

Access the hyperlink beneath to download "The Pickthorn Chronicles" PDF document.

[Read ePub »](#)

**[PDF] Peter Rabbit: Treehouse Rescue - Read it Yourself with Ladybird: Level 2**

Access the hyperlink beneath to download "Peter Rabbit: Treehouse Rescue - Read it Yourself with Ladybird: Level 2" PDF document.

[Read ePub »](#)

**[PDF] Most cordial hand household cloth (comes with original large papier-mache and DVD high-definition disc) (Beginners Korea(Chinese Edition)**

Access the hyperlink beneath to download "Most cordial hand household cloth (comes with original large papier-mache and DVD high-definition disc) (Beginners Korea(Chinese Edition)" PDF document.

[Read ePub »](#)

**[PDF] Peppa Pig: Camping Trip - Read it Yourself with Ladybird: Level 2**

Access the hyperlink beneath to download "Peppa Pig: Camping Trip - Read it Yourself with Ladybird: Level 2" PDF document.

[Read ePub »](#)

**[PDF] The Three Little Pigs - Read it Yourself with Ladybird: Level 2 (Paperback)**

Access the hyperlink beneath to download "The Three Little Pigs - Read it Yourself with Ladybird: Level 2 (Paperback)" PDF document.

[Read ePub »](#)

**[PDF] Superhero Max- Read it Yourself with Ladybird: Level 2**

Access the hyperlink beneath to download "Superhero Max- Read it Yourself with Ladybird: Level 2" PDF document.

[Read ePub »](#)