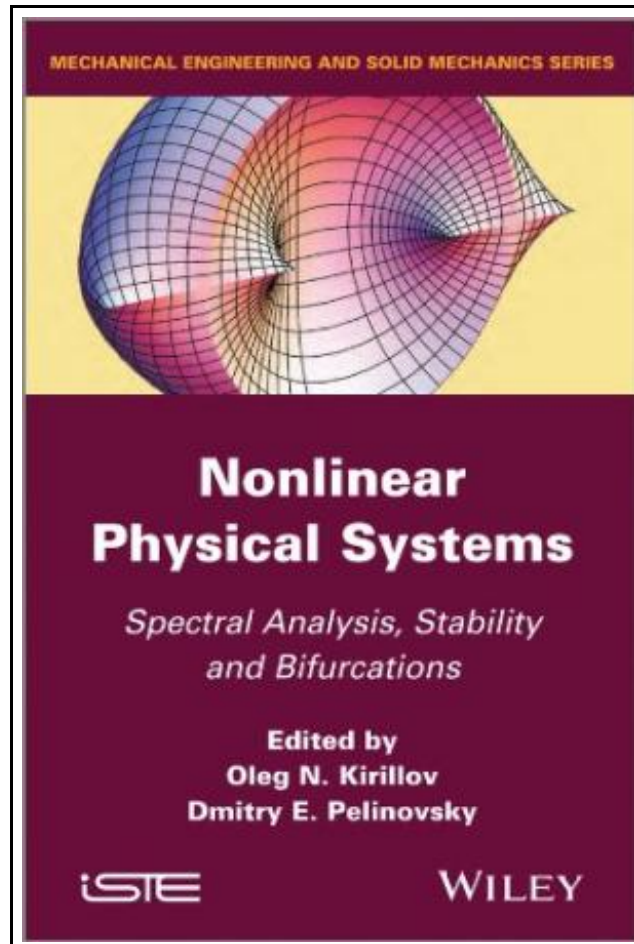


Nonlinear Physical Systems: Spectral Analysis, Stability and Bifurcations (Hardback)



Filesize: 8.5 MB

Reviews

This pdf is really gripping and fascinating. It is actually full of knowledge and wisdom I am just delighted to tell you that this is the very best pdf i have got study during my very own daily life and might be he finest pdf for actually.
(Ms. Althea Kassulke DDS)

NONLINEAR PHYSICAL SYSTEMS: SPECTRAL ANALYSIS, STABILITY AND BIFURCATIONS (HARDBACK)

[DOWNLOAD](#)

To get **Nonlinear Physical Systems: Spectral Analysis, Stability and Bifurcations (Hardback)** PDF, remember to refer to the hyperlink below and save the file or have access to additional information which might be highly relevant to **NONLINEAR PHYSICAL SYSTEMS: SPECTRAL ANALYSIS, STABILITY AND BIFURCATIONS (HARDBACK)** book.

ISTE Ltd and John Wiley Sons Inc, United Kingdom, 2014. Hardback. Book Condition: New. 239 x 155 mm. Language: English . Brand New Book. Bringing together 18 chapters written by leading experts in dynamical systems, operator theory, partial differential equations, and solid and fluid mechanics, this book presents state-of-the-art approaches to a wide spectrum of new and challenging stability problems. Nonlinear Physical Systems: Spectral Analysis, Stability and Bifurcations focuses on problems of spectral analysis, stability and bifurcations arising in the nonlinear partial differential equations of modern physics. Bifurcations and stability of solitary waves, geometrical optics stability analysis in hydro- and magnetohydrodynamics, and dissipation-induced instabilities are treated with the use of the theory of Krein and Pontryagin space, index theory, the theory of multi-parameter eigenvalue problems and modern asymptotic and perturbative approaches. Each chapter contains mechanical and physical examples, and the combination of advanced material and more tutorial elements makes this book attractive for both experts and non-specialists keen to expand their knowledge on modern methods and trends in stability theory. Contents 1. Surprising Instabilities of Simple Elastic Structures, Davide Bigoni, Diego Misseroni, Giovanni Noselli and Daniele Zaccaria. 2. WKB Solutions Near an Unstable Equilibrium and Applications, Jean-Francois Bony, Setsuro Fujiie, Thierry Ramond and Maher Zerzeri, partially supported by French ANR project NOSEVOL. 3. The Sign Exchange Bifurcation in a Family of Linear Hamiltonian Systems, Richard Cushman, Johnathan Robbins and Dimitrii Sadovskii. 4. Dissipation Effect on Local and Global Fluid-Elastic Instabilities, Olivier Doare. 5. Tunneling, Librations and Normal Forms in a Quantum Double Well with a Magnetic Field, Sergey Yu. Dobrokhotov and Anatoly Yu. Anikin. 6. Stability of Dipole Gap Solitons in Two-Dimensional Lattice Potentials, Nir Dror and Boris A. Malomed. 7. Representation of Wave Energy of a Rotating Flow in Terms of the Dispersion Relation, Yasuhide Fukumoto, Makoto Hirota and...



[Read Nonlinear Physical Systems: Spectral Analysis, Stability and Bifurcations \(Hardback\) Online](#)



[Download PDF Nonlinear Physical Systems: Spectral Analysis, Stability and Bifurcations \(Hardback\)](#)

Relevant Books



[PDF] Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English] (Paperback)

Click the web link beneath to download and read "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English] (Paperback)" PDF document.

[Save eBook »](#)



[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)

Click the web link beneath to download and read "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)" PDF document.

[Save eBook »](#)



[PDF] Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English] (Paperback)

Click the web link beneath to download and read "Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English] (Paperback)" PDF document.

[Save eBook »](#)



[PDF] Who am I in the Lives of Children? An Introduction to Early Childhood Education (Paperback)

Click the web link beneath to download and read "Who am I in the Lives of Children? An Introduction to Early Childhood Education (Paperback)" PDF document.

[Save eBook »](#)



[PDF] Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)

Click the web link beneath to download and read "Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)" PDF document.

[Save eBook »](#)



[PDF] Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Click the web link beneath to download and read "Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version - - Access Card Package" PDF document.

[Save eBook »](#)

