

DOWNLOAD PDF

Chaology in regular dynamics

By Lekeufack Tiokeng Olivier

LAP Lambert Academic Publishing Nov 2012, 2012. Taschenbuch. Book Condition: Neu. 220x150x7 mm. This item is printed on demand - Print on Demand Neuware - Great efforts have been made these last decades to understand phenomena occurring at microscopic scale. At this stage, classical physics alone can not describe the dynamics of a system be it regular or nonlinear complex one. This book deals with the dynamics of classically regular systems under several polynomial and sinusoidal potentials. We both analytically and numerically study the extended semiquantum dynamics through the introduction of quantum fluctuation degrees of freedom in a time dependent variational principle using generalized Gaussian wave function. After a literature review on the topic, the methodology is widely exposed. At last we present the main results of this work on: the cubic-quartic potential with the modulational instability criterion in the case of wave propagation; the triple and multiple well adjustable potential heterostructures; the sinusoidal potential model with the torsional dynamics of butane molecule. The analysis and results presented in this book shall help shed light on these new and exciting mesoscopic investigations, and should be especially useful to researchers in quantum fundamental and experimental physics to prevent unexpected phenomena. 120...



Reviews

The publication is great and fantastic. I am quite late in start reading this one, but better then never. I discovered this pdf from my dad and i suggested this ebook to discover. -- Linnie Kling

A brand new eBook with a brand new standpoint. I could possibly comprehended everything out of this composed e publication. Your life span will likely be enhance once you total reading this pdf. -- Willa Ritchie

Related PDFs

_	

Mother Stories (Paperback)

Bluewater Publications, United States, 2010. Paperback. Book Condition: New. Sarah Noble-Ives (illustrator). 235 x 191 mm. Language: English . Brand New Book ***** Print on Demand *****.I have endeavored to write, for mothers and dear little children, a few simple stories, embodying...

Programming in D

Ali Cehreli Dez 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 who are new to computer programming. Although...

_	
	_

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, Eignungstest für das Medizinstudium, Adult Attachment Interview,...

The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds

Anness Publishing. Paperback. Book Condition: new. BRAND NEW, The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds, Nicola Baxter, Geoff Ball, This is a super-size first reading book for 3-5 year olds, with an engaging story, colourful pictures...

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

Sourcebooks, Inc. Paperback / softback. Book Condition: new. BRAND NEW, You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most, Patricia Hermes, Thirteen-year-old Sarah Morrow doesn't think much of the fact that her mother winced a little...

-	

Variations on an Original Theme Enigma, Op. 36: Study Score (Paperback)

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Dedicated to my friends pictured within, Elgars orchestral showpiece started life as a simple improvisation at the...