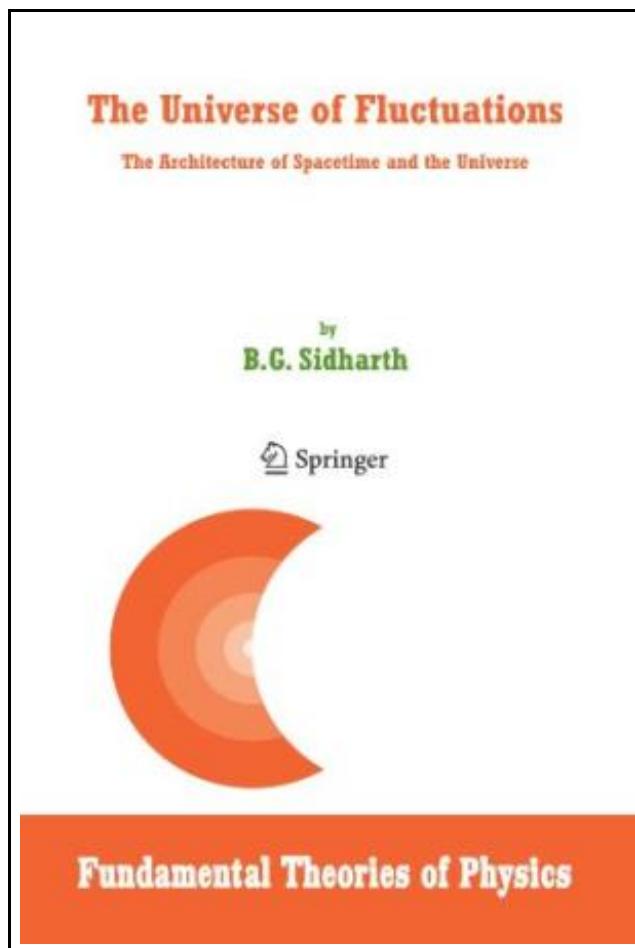


The Universe of Fluctuations: The Architecture of Spacetime and the Universe (Paperback)



Filesize: 8.61 MB

Reviews

Great electronic book and useful one. Better then never, though i am quite late in start reading this one. You can expect to like the way the author compose this ebook.
(Matteo Johnson)

THE UNIVERSE OF FLUCTUATIONS: THE ARCHITECTURE OF SPACETIME AND THE UNIVERSE (PAPERBACK)

[DOWNLOAD PDF](#)

Springer, Netherlands, 2010. Paperback. Book Condition: New. 1st ed. Softcover of orig. ed. 2005. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. In 1997, contrary to the ruling paradigm which was that of a dark matter ?lled, decelerating universe, my work pointed to a dark energydriven-decelerating universe with a small cosmological constant. Moreover, the many supposedly accidental Large Number relations in cosmology, including the mysterious Weinbergformula were now deduced from the theory. Observational confirmation for this scenario came in 1998, while dark energy itself was ?nally recon?rmed in 2003, thanks to the Wilkinson Microwave Anisotropy Probe and the Sloan Digital Sky Survey. The 1997, and subsequent work was the consequence of mainly three considerations: dark energy or the well known Zero Point Field, fuzzy spacetime and ?uctuations. Indeed String Theory and Quantum Gravity approaches have had to discard the smooth spacetime of General Relativity and Quantum Field Theory, in a quest for a unified description of these two pillars of twentieth century physics. This book is the result of some seventy ?ve papers published in international journals, and partly an earlier book, *The Chaotic Universe: From the Planck to the Hubble Scale* (Nova Science, New York, 2001), as also several lectures delivered in Universities and institutes in the United States, Canada and Europe. It describes how, in a simple and somewhat conventional framework, an underpinning of Planck scale oscillators in the ubiquitous Zero Point Field or dark energy leads to a unified description of phenomena involving elementary particles and the cosmos. In particular, apart from the cosmology mentioned above, these considerations lead to a unified description of all interactions, including gravitation, though in an extended gauge ?eld treatment.



[Read The Universe of Fluctuations: The Architecture of Spacetime and the Universe \(Paperback\) Online](#)



[Download PDF The Universe of Fluctuations: The Architecture of Spacetime and the Universe \(Paperback\)](#)

You May Also Like



The Voyagers Series - Europe: A New Multi-Media Adventure Book 1 (Paperback)

Strength Through Communications, United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.The Voyagers Series is a new multi-media, multi-disciplinary approach to teaching...

[Read ePub »](#)



Learn em Good: Improve Your Child's Math Skills: Simple and Effective Ways to Become Your Child's Free Tutor Without Opening a Textbook (Paperback)

Createspace, United States, 2010. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.From a certified teacher and founder of an online tutoring website-a simple and...

[Read ePub »](#)



Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner's Crochet Guide with Pictures) (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Getting Your FREE Bonus Download this book, read it to the end and...

[Read ePub »](#)



How to Make a Free Website for Kids (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Table of Contents Preface Chapter # 1: Benefits of Having a Website Chapter...

[Read ePub »](#)



No Friends?: How to Make Friends Fast and Keep Them (Paperback)

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Do You Have NO Friends ? Are you tired of not having any...

[Read ePub »](#)