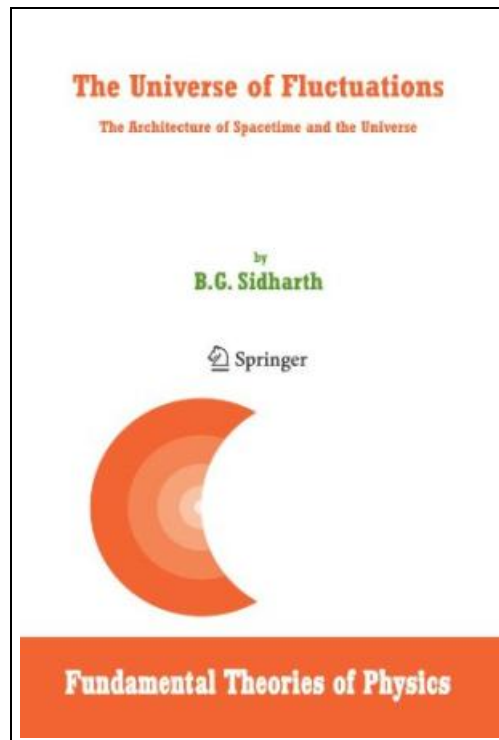


# The Universe of Fluctuations: The Architecture of Spacetime and the Universe



Filesize: 3.98 MB

## **Reviews**

*These types of publication is the best book available. it absolutely was writtern very completely and helpful. I am very happy to explain how here is the greatest book we have study within my individual existence and can be he greatest publication for possibly.*  
(Lucas Brown)

## THE UNIVERSE OF FLUCTUATIONS: THE ARCHITECTURE OF SPACETIME AND THE UNIVERSE



To get **The Universe of Fluctuations: The Architecture of Spacetime and the Universe** eBook, you should access the button under and save the file or get access to additional information which are highly relevant to THE UNIVERSE OF FLUCTUATIONS: THE ARCHITECTURE OF SPACETIME AND THE UNIVERSE ebook.

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 filled, decelerating universe, my work pointed to a dark energy driven accelerating universe with a small cosmological constant. Moreover, the many supposedly accidental Large Number relations in cosmology, including the mysterious Weinberg formula were now deduced from the theory. Observational confirmation for this scenario came in 1998, while dark energy itself was finally reconfirmed 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 fluctuations. 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 five 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 field treatment.



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



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

## Relevant eBooks



[PDF] **Read Write Inc. Phonics: Grey Set 7 Non-Fiction 2 a Flight to New York**

Follow the web link beneath to download "Read Write Inc. Phonics: Grey Set 7 Non-Fiction 2 a Flight to New York" document.

[Download eBook »](#)



[PDF] **Goodnight. Winnie (New York Times Best Books German Youth Literature Prize Choice Award most(Chinese Edition)**

Follow the web link beneath to download "Goodnight. Winnie (New York Times Best Books German Youth Literature Prize Choice Award most(Chinese Edition)" document.

[Download eBook »](#)



[PDF] **Weebies Family Halloween Night English Language: English Language British Full Colour**

Follow the web link beneath to download "Weebies Family Halloween Night English Language: English Language British Full Colour" document.

[Download eBook »](#)



[PDF] **Owen the Owl s Night Adventure: A Bedtime Illustration Book Your Little One Will Adore (Goodnight Series 1)**

Follow the web link beneath to download "Owen the Owl s Night Adventure: A Bedtime Illustration Book Your Little One Will Adore (Goodnight Series 1)" document.

[Download eBook »](#)



[PDF] **YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(Chinese Edition)**

Follow the web link beneath to download "YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(Chinese Edition)" document.

[Download 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. [Us English]**

Follow the web link beneath to download "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]" document.

[Download eBook »](#)