



The Whole Shebang: A State-of-the-Universe(s) Report

By Timothy Ferris

Download now

Read Online ➔

The Whole Shebang: A State-of-the-Universe(s) Report By Timothy Ferris

From the prizewinning author who has been called "the greatest science writer in the world" comes this delightfully comprehensive and comprehensible report on how science today envisions the universe as a whole.

Timothy Ferris provides a clear, elegantly written overview of current research and a forecast of where cosmological theory is likely to go in the twenty-first century. He explores the questions that have occurred to even casual readers -- who are curious about nature on the largest scales: What does it mean to say that the universe is "expanding," or that space is "curved"? -- and sheds light on the possibility that our universe is only one among many universes, each with its own physical laws and prospects for the emergence of life.

 [Download The Whole Shebang: A State-of-the-Universe\(s\) Repo ...pdf](#)

 [Read Online The Whole Shebang: A State-of-the-Universe\(s\) Re ...pdf](#)

The Whole Shebang: A State-of-the-Universe(s) Report

By Timothy Ferris

The Whole Shebang: A State-of-the-Universe(s) Report By Timothy Ferris

From the prizewinning author who has been called "the greatest science writer in the world" comes this delightfully comprehensive and comprehensible report on how science today envisions the universe as a whole.

Timothy Ferris provides a clear, elegantly written overview of current research and a forecast of where cosmological theory is likely to go in the twenty-first century. He explores the questions that have occurred to even casual readers -- who are curious about nature on the largest scales: What does it mean to say that the universe is "expanding," or that space is "curved"? -- and sheds light on the possibility that our universe is only one among many universes, each with its own physical laws and prospects for the emergence of life.

The Whole Shebang: A State-of-the-Universe(s) Report By Timothy Ferris Bibliography

- Sales Rank: #717079 in Books
- Published on: 1998-07-06
- Released on: 1998-07-06
- Original language: English
- Number of items: 1
- Dimensions: 8.44" h x 1.10" w x 5.50" l, .82 pounds
- Binding: Paperback
- 393 pages

 [Download The Whole Shebang: A State-of-the-Universe\(s\) Repo ...pdf](#)

 [Read Online The Whole Shebang: A State-of-the-Universe\(s\) Re ...pdf](#)

Editorial Review

Amazon.com Review

Plenty of books try to explain the origin of the universe, but despite the ascendance of the Big Bang theory, numerous details of that theory remain in flux as new observations are made and new hypotheses formed (and then confirmed or rejected). Timothy Ferris's *The Whole Shebang* is an up-to-date account of the various mechanisms believed to have contributed to the universe as we now know it, from the Big Bang itself to inflation to superstrings. *The Whole Shebang* eschews mathematics and formulae and explains cosmological concepts in clear and enticing prose. If you need an update on the state of the universe, you'll find it here.

From Library Journal

Ferris is a journalist who has written several successful popular works about modern astronomy (e.g., *The Mind's Eye*, Bantam, 1993). Here he reviews the current state of scientific cosmology, including the now-considerable overlap between astronomical findings and the theories of elementary particle physicists. (The parenthetical plural in the title is an allusion to theories that suggest the cosmos contains a multiplicity of universes.) Ferris adheres to the orthodox Big Bang theory, giving little attention to its critics, but he is candid about the many uncertainties in modern cosmology. He writes clearly, often with considerable eloquence. But given the intrinsic difficulties and unavoidable jargon of the field, a lay reader will have to give this book close attention to get its full value. Highly recommended for public and academic libraries.

-?Jack W. Weigel, *Univ. of Michigan Lib., Ann Arbor*

Copyright 1997 Reed Business Information, Inc.

From Kirkus Reviews

As Virgil led Dante through the thickets and circles of the inferno, so Ferris, a science writer's science writer, guides the reader through the clouds and bubbles, the singularities and uncertainties that characterize cosmology today. What is so rewarding about the Ferris tour is that he is authoritative without being prescriptive; even-handed without being all-accepting; and above all rational. When an author wites of James Trefil commenting about "looking in the face of God," or Stephen Hawking concluding that a unified theory of physics would mean that "we would know the mind of God," and describes it as so much God-mongering, you know you are in safe hands. Yet thinking about the structure and origins of the universe, and about the weird world of quantum mechanics, has much of the nonrational about it. Ferris (*Coming of Age in the Milky Way*, 1988, etc.) not only provides chapter and verse on the paths leading from Einstein and Bohr to Feynman and Gell-Mann to Wheeler and Bohm, but he also deftly limns the backgrounds and personae of today's rival theory-makers. In the end we find ourselves contemplating a 10-dimensional universe (possibly one in a "multiverse"), in which six of the original dimensions shrink to all-but-nothingness, leaving our own familiar four (space-time) populated by microcosmic superstrings. The universe is essentially "flat": Wherever we look it appears to be made of the same stuff relatively evenly distributed among galaxies and dark matter and the like. Close up, random fluctuations account for the accretions of matter that gave rise to our "local group" (which includes the Milky Way) and other larger clusterings. Indeed, it is the tools of Hubble and other ingenious probes that are turning cosmology into a science. There is much joy and beauty in this passage from speculation to demonstration, and we have Ferris to thank for his superb rendering, both of the shebang and of the science that studies the shebang. (Book-of-the-Month Club split main selection; History Book Club alternate selection) -- Copyright ©1997, Kirkus Associates, LP. All rights reserved.

Users Review

From reader reviews:

Louis Jackson:

Book is usually written, printed, or illustrated for everything. You can understand everything you want by a e-book. Book has a different type. As you may know that book is important point to bring us around the world. Next to that you can your reading expertise was fluently. A publication The Whole Shebang: A State-of-the-Universe(s) Report will make you to be smarter. You can feel much more confidence if you can know about everything. But some of you think in which open or reading the book make you bored. It is far from make you fun. Why they might be thought like that? Have you trying to find best book or appropriate book with you?

Lloyd Schuler:

What do you think of book? It is just for students because they're still students or the idea for all people in the world, the actual best subject for that? Just simply you can be answered for that question above. Every person has diverse personality and hobby for every single other. Don't to be pressured someone or something that they don't need do that. You must know how great and important the book The Whole Shebang: A State-of-the-Universe(s) Report. All type of book would you see on many options. You can look for the internet options or other social media.

Juli Gadberry:

Do you one among people who can't read gratifying if the sentence chained inside straightway, hold on guys this particular aren't like that. This The Whole Shebang: A State-of-the-Universe(s) Report book is readable by you who hate those straight word style. You will find the information here are arrange for enjoyable examining experience without leaving perhaps decrease the knowledge that want to deliver to you. The writer associated with The Whole Shebang: A State-of-the-Universe(s) Report content conveys objective easily to understand by many people. The printed and e-book are not different in the content but it just different by means of it. So , do you continue to thinking The Whole Shebang: A State-of-the-Universe(s) Report is not loveable to be your top list reading book?

Karl Wolfe:

It is possible to spend your free time to study this book this e-book. This The Whole Shebang: A State-of-the-Universe(s) Report is simple to bring you can read it in the recreation area, in the beach, train and soon. If you did not include much space to bring the printed book, you can buy typically the e-book. It is make you much easier to read it. You can save the book in your smart phone. Consequently there are a lot of benefits that you will get when you buy this book.

**Download and Read Online The Whole Shebang: A State-of-the-
Universe(s) Report By Timothy Ferris #MCYNX5FZHVT**

Read The Whole Shebang: A State-of-the-Universe(s) Report By Timothy Ferris for online ebook

The Whole Shebang: A State-of-the-Universe(s) Report By Timothy Ferris Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read The Whole Shebang: A State-of-the-Universe(s) Report By Timothy Ferris books to read online.

Online The Whole Shebang: A State-of-the-Universe(s) Report By Timothy Ferris ebook PDF download

The Whole Shebang: A State-of-the-Universe(s) Report By Timothy Ferris Doc

The Whole Shebang: A State-of-the-Universe(s) Report By Timothy Ferris Mobipocket

The Whole Shebang: A State-of-the-Universe(s) Report By Timothy Ferris EPub