



Archimedes to Hawking: Laws of Science and the Great Minds Behind Them

By Clifford Pickover

Download now

Read Online ➔

Archimedes to Hawking: Laws of Science and the Great Minds Behind Them By Clifford Pickover

Archimedes to Hawking takes the reader on a journey across the centuries as it explores the eponymous physical laws--from Archimedes' Law of Buoyancy and Kepler's Laws of Planetary Motion to Heisenberg's Uncertainty Principle and Hubble's Law of Cosmic Expansion--whose ramifications have profoundly altered our everyday lives and our understanding of the universe.

Throughout this fascinating book, Clifford Pickover invites us to share in the amazing adventures of brilliant, quirky, and passionate people after whom these laws are named. These lawgivers turn out to be a fascinating, diverse, and sometimes eccentric group of people. Many were extremely versatile polymaths--human dynamos with a seemingly infinite supply of curiosity and energy and who worked in many different areas in science. Others had non-conventional educations and displayed their unusual talents from an early age. Some experienced resistance to their ideas, causing significant personal anguish. Pickover examines more than 40 great laws, providing brief and cogent introductions to the science behind the laws as well as engaging biographies of such scientists as Newton, Faraday, Ohm, Curie, and Planck. Throughout, he includes fascinating, little-known tidbits relating to the law or lawgiver, and he provides cross-references to other laws or equations mentioned in the book. For several entries, he includes simple numerical examples and solved problems so that readers can have a hands-on understanding of the application of the law. A sweeping survey of scientific discovery as well as an intriguing portrait gallery of some of the greatest minds in history, this superb volume will engage everyone interested in science and the physical world or in the dazzling creativity of these brilliant thinkers.

↓ [Download Archimedes to Hawking: Laws of Science and the Gre ...pdf](#)

📖 [Read Online Archimedes to Hawking: Laws of Science and the G ...pdf](#)

Archimedes to Hawking: Laws of Science and the Great Minds Behind Them

By Clifford Pickover

Archimedes to Hawking: Laws of Science and the Great Minds Behind Them By Clifford Pickover

Archimedes to Hawking takes the reader on a journey across the centuries as it explores the eponymous physical laws--from Archimedes' Law of Buoyancy and Kepler's Laws of Planetary Motion to Heisenberg's Uncertainty Principle and Hubble's Law of Cosmic Expansion--whose ramifications have profoundly altered our everyday lives and our understanding of the universe.

Throughout this fascinating book, Clifford Pickover invites us to share in the amazing adventures of brilliant, quirky, and passionate people after whom these laws are named. These lawgivers turn out to be a fascinating, diverse, and sometimes eccentric group of people. Many were extremely versatile polymaths--human dynamos with a seemingly infinite supply of curiosity and energy and who worked in many different areas in science. Others had non-conventional educations and displayed their unusual talents from an early age. Some experienced resistance to their ideas, causing significant personal anguish. Pickover examines more than 40 great laws, providing brief and cogent introductions to the science behind the laws as well as engaging biographies of such scientists as Newton, Faraday, Ohm, Curie, and Planck. Throughout, he includes fascinating, little-known tidbits relating to the law or lawgiver, and he provides cross-references to other laws or equations mentioned in the book. For several entries, he includes simple numerical examples and solved problems so that readers can have a hands-on understanding of the application of the law.

A sweeping survey of scientific discovery as well as an intriguing portrait gallery of some of the greatest minds in history, this superb volume will engage everyone interested in science and the physical world or in the dazzling creativity of these brilliant thinkers.

Archimedes to Hawking: Laws of Science and the Great Minds Behind Them By Clifford Pickover
Bibliography

- Sales Rank: #435134 in Books
- Published on: 2008-04-16
- Original language: English
- Number of items: 1
- Dimensions: 6.20" h x 1.50" w x 9.30" l, 1.91 pounds
- Binding: Hardcover
- 528 pages

 [Download Archimedes to Hawking: Laws of Science and the Gre ...pdf](#)

 [Read Online Archimedes to Hawking: Laws of Science and the G ...pdf](#)

Download and Read Free Online *Archimedes to Hawking: Laws of Science and the Great Minds Behind Them* By Clifford Pickover

Editorial Review

Review

Listed in *Mathematical Reviews*

"Pickover inspires a new generation of da Vincis to build unknown flying machines and create new Mona Lisas." -- *Christian Science Monitor*

"The polymathic Clifford Pickover discusses 'landmark laws of nature that were discovered over several centuries and whose ramifications have profoundly altered our everyday lives and understanding.'" -- Kendrick Frazier, *Skeptical Inquirer*

"A perpetual idea machine, Clifford Pickover is one of the most creative, original thinkers in the world today." -- *Journal of Recreational Mathematics*

"The incomparable Clifford Pickover has written another rich science narrative that t once informs and entertains. There is no one writing today with such an encyclopedic knowledge of all things scientific, and *Archimedes to Hawking* covers the gamut of what is arguably the most important topic in all of science - the laws of nature. Are they discovered or invented? Do they correspond to things out in the world or only to thoughts inside our heads? These and numerous other tantalizing questions are answered as Pickover takes us through a brief history of nearly everything in the universe (and the universe itself)." -- Michael Shermer, *Skeptic*

"A ride through the history of world-changing scientific ideas. Pickover pays homage to the great minds who have laid bare the mathematical machinery whirring just beneath the skin of reality. An impressively researched tour de force." --Marcus Chown, author of *The Quantum Zoo*

"Clifford Pickover has brilliantly succeeded in a monumental task. He has explained, in his usual lucid style, some forty of the greatest laws of physics, and sketched the lives and often eccentric personalities of the geniuses who discovered them. Pickover's pages reflect his vast knowledge of physics and his firm conviction that mathematics has an awesome external reality." --Martin Gardner, author of *The Colossal Book of Mathematics*

About the Author

Clifford A. Pickover is the author of forty books on such topics as computers and creativity, art, mathematics, black holes, human behavior and intelligence, time travel, alien life, religion, medical mysteries, and science fiction. Pickover is a prolific inventor with over forty patents, is the associate editor for several journals, and puzzle contributor to magazines geared to children and adults. He lives outside New York City.

Users Review

From reader reviews:

David Conte:

The book Archimedes to Hawking: Laws of Science and the Great Minds Behind Them can give more knowledge and also the precise product information about everything you want. Why then must we leave the best thing like a book Archimedes to Hawking: Laws of Science and the Great Minds Behind Them? Several of you have a different opinion about book. But one aim that book can give many details for us. It is absolutely suitable. Right now, try to closer with the book. Knowledge or facts that you take for that, it is possible to give for each other; you are able to share all of these. Book Archimedes to Hawking: Laws of Science and the Great Minds Behind Them has simple shape but the truth is know: it has great and large function for you. You can seem the enormous world by wide open and read a reserve. So it is very wonderful.

Sondra Spencer:

Exactly why? Because this Archimedes to Hawking: Laws of Science and the Great Minds Behind Them is an unordinary book that the inside of the guide waiting for you to snap it but latter it will distress you with the secret this inside. Reading this book adjacent to it was fantastic author who all write the book in such incredible way makes the content on the inside easier to understand, entertaining way but still convey the meaning completely. So , it is good for you because of not hesitating having this any more or you going to regret it. This excellent book will give you a lot of positive aspects than the other book include such as help improving your expertise and your critical thinking approach. So , still want to delay having that book? If I were being you I will go to the publication store hurriedly.

Daniel Starkey:

It is possible to spend your free time to read this book this publication. This Archimedes to Hawking: Laws of Science and the Great Minds Behind Them is simple to bring you can read it in the park, in the beach, train along with soon. If you did not have got much space to bring typically the printed book, you can buy typically the e-book. It is make you easier to read it. You can save typically the book in your smart phone. And so there are a lot of benefits that you will get when you buy this book.

Vincent Cartagena:

Don't be worry for anyone who is afraid that this book may filled the space in your house, you can have it in e-book way, more simple and reachable. This Archimedes to Hawking: Laws of Science and the Great Minds Behind Them can give you a lot of pals because by you taking a look at this one book you have factor that they don't and make you more like an interesting person. That book can be one of a step for you to get success. This e-book offer you information that perhaps your friend doesn't recognize, by knowing more than some other make you to be great persons. So , why hesitate? Let me have Archimedes to Hawking: Laws of Science and the Great Minds Behind Them.

**Download and Read Online Archimedes to Hawking: Laws of
Science and the Great Minds Behind Them By Clifford Pickover
#Y2SZRLXHGUD**

Read Archimedes to Hawking: Laws of Science and the Great Minds Behind Them By Clifford Pickover for online ebook

Archimedes to Hawking: Laws of Science and the Great Minds Behind Them By Clifford Pickover 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 Archimedes to Hawking: Laws of Science and the Great Minds Behind Them By Clifford Pickover books to read online.

Online Archimedes to Hawking: Laws of Science and the Great Minds Behind Them By Clifford Pickover ebook PDF download

Archimedes to Hawking: Laws of Science and the Great Minds Behind Them By Clifford Pickover Doc

Archimedes to Hawking: Laws of Science and the Great Minds Behind Them By Clifford Pickover Mobipocket

Archimedes to Hawking: Laws of Science and the Great Minds Behind Them By Clifford Pickover EPub

Y2SZRLXHGUD: Archimedes to Hawking: Laws of Science and the Great Minds Behind Them By Clifford Pickover