Customer Review

□□□□□Review for a text book "Unique physics of light and astronomy" □□□□□

Book review, Unique Physics of Light and Astronomy by Shailesh Kadakia. A pragmatic view to theoretical astrophysics.

Reviewed by Dr. Sohaib Kureshi, MD – La Jolla – Neurological Surgery, October 14, 2017

The textbook, Unique Physics of Light and Astronomy, is a pragmatic view to theoretical astrophysics by Shailesh Kadakia MSEE, fascinating and refreshing view of quantum physics, astrophysics and astronomy. Kadakia brings to light his unique and thoughtful explanation and interpretation of quantum physics and theoretical astrophysics while paying homage to the giants in physics that came before him. He endeavors to fill the gaps in an attempt to explain the unifying theory of physics. Mr. Kadakia walks the reader from the elusive behavior of light through the understanding of gravity. His thoughtful explanation and theories attempt to fill in the gaps left by the general theory of relativity and ultimately achieve a closer understanding of the principals underlying a grand unified field theory of everything. The text is broken into 14 sections with an introduction to relativity, radiation, light, quantum theory of gravitation and ultimately culminates in space exploration. The book should be read by any college student with a background in physics and a deep interest in astrophysics and astronomy. It could easily serve as an astrophysics textbook at a University for advanced physics students. It is well organized and the author is able to successfully walk the reader through a logical sequence of analytic exercises in order to achieve a provable conclusion.

Mr. Kadakia's unique physics of light and astronomy is a must read for advanced physics students looking to further their understanding of astrophysics, astronomy and a unique look at the forces that have shaped our universe.

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Customer Review

★★★★★ **Review for true physics of light, beyond relativity, second edition**, February 8, 2014
Submitted By **BALKESHWAR Rai**

This review is from: **True Physics of Light, Beyond Relativity: Quantum Gravity and the Cosmic Multiverse (Kindle Edition)**

Book review "True Physics of Light, Beyond Relativity (2nd Edition)" by Shailesh Kadakia.

Reviewed By Francisco Ben, PhD (The University of Adelaide, Australia) 01/09/2014

Shailesh's book tackles the difficulty of understanding light as an entity in physical science. It presents arguments (both in words and mathematical forms) that highlight the limitations of Albert Einstein's theory of relativity. It attempts to address the misconceptions a lot of people have about the attributes of light. The book is a move forward from the physics that 'everyday' people have come to encounter during their schooling days (assuming that they chose to study physics at upper secondary levels).The contents of the book are almost too controversial, but in a good way as challenging existing theories and postulates is a way forward in the field of science. New ideas such as the notion of 'skylativity' and the integration of gravity at quantum scales are presented, and have been substantiated by a good number of backing information including mathematical expressions and equations. If the new ideas presented in this book become widely accepted in the physics community, its impact on educating our youth with physics will be dramatic – it will virtually change every single physics/physical science textbook used in schools.

The book was clearly designed for university students who are studying physics. The concepts and arguments are clear enough to understand. The graphics and illustrations add to the appeal to read the textbook. This book has a very good potential to gain wide acceptance in the school/university market.

From left: Dr. Francisco Ben, Dr. Raj Singh, Shailesh Kadakia, MS and Dr. Yahya Rashid

Customer Review

★★★★★ **True Physics of Light Beyond Relativity: Quantum Gravity and the Cosmic Multiverse (Second Ed.)**, November 5, 2014
By **M. Hall**

This review is from: True Physics of Light, Beyond Relativity: Quantum Gravity and the Cosmic Multiverse (Kindle Edition)

Book review "True Physics of Light, Beyond Relativity (2nd Edition)" by Shailesh Kadakia.

This book is truly a must read, for I am convinced this is the next stepping stone toward understanding the construct and operation of our universe.

True Physics, by Shailesh Kadakia MSEE, is an exciting exploration into the quantum world that clears away much of the scummy dross of uncertainty in particle physics, light propagation, and relativistic effects on mass, space, and time. Whether one dwells at the top of the field in the physical science community or one is a self-taught amateur, the understandable manner in which this material is presented will bring a new understanding of light, its creation, its propagation and its real nature. He presents salient, well-known information to postulate a crisp new landscape, freshly agreeable to intuitive thinking. Skylativity® Theory removes the contra-intuitive popular assumptions derived from Einstein's STR (Special Theory of Relativity).

S. Kadakia is quick to give praise to the giants upon whom he stands, while humbly but forcefully putting the question to the status quo. One cannot help but be reminded of the days of Copernicus' postulation that set the religion-scientific world on its heels when he proved the Sun to be the center around which the earth trekked. Just to mention a discreet example in Kadakia's findings; by viewing light quanta as simply a "Planck wave," or "virtual photon," and not a particle, about which he offers much proof, he embarks on a new frontier of understanding and application.

Furthermore, this book shows that Einstein's STR assumption that the speed of light is a constant "c" in free space for all inertial fields, or frames of reference, for which the Lorenz Transformation formulation is necessary to account for mass, space, and time dilation for a constant "c," is put to the test and found lacking. Evidence is also presented that puts the question to the popular "dual" nature of light, concluding that light is simply a wave (Planck wave quanta), not a mystical, two-headed apparition.

Positing light as a wave, that is, possessing no mass or center of gravity, can it be affected by gravity at all? Is it possible for a nonzero mass particle to go super-luminous rates of speed without "relativistic" problems? What is the speed limit of light waves verses electromagnetic radiation, are these variable, or constant? Is time travel possible? Does a black hole create a singularity? Is light really captured by a black hole, never to escape? What are the quantum events that create light? What are the mechanisms involved in the production of color? Is the mass-energy conversion equation of Einstein's work ($E = mc^2$) truly explicative of what happens during the nuclear fission process, or should this equation be adjusted for realities of the nuclear processes involved in fission? These questions and a great deal more are addressed in this book.

★★★★★ **Complex Topics Explained With Ease-Perfect for College Students**, May 11, 2011
By **Mihir Shah**

This review is from: True Physics of Light Beyond Relativity: Quantum Gravity and the Cosmic Multiverse (Hardcover)

Shailesh R. Kadakia's True Physics of Light, Beyond Relativity (second edition) delves into a fascinating, insightful discussion involving the fundamental gaps in Einstein's theory of relativity, particularly the lack of information on the motion of light and the primary features that distinguish the wave nature of light from that of the particle theory. Introducing intriguing and well-refined concepts such as absolute time and the true speed of light, Kadakia's text supplies the reader with powerful information about the workings of the universe in a nicely-packed, easy to understand book that is "most suitable for novice and expert readers who wish to advance the knowledge of light wave physics to the next level."

Essentially, Kadakia strives to enhance the individual's understanding of cosmology by way of the theory of special and general relativity. Ideally, True Physics of Light is textbook material, catering to second-year university students and experienced physics professors as well as physicists. Kadakia does an outstanding job of simplifying and providing a step-by-step explanation, with tables and illustrations, of complex topics such as Planck's quantum waves.

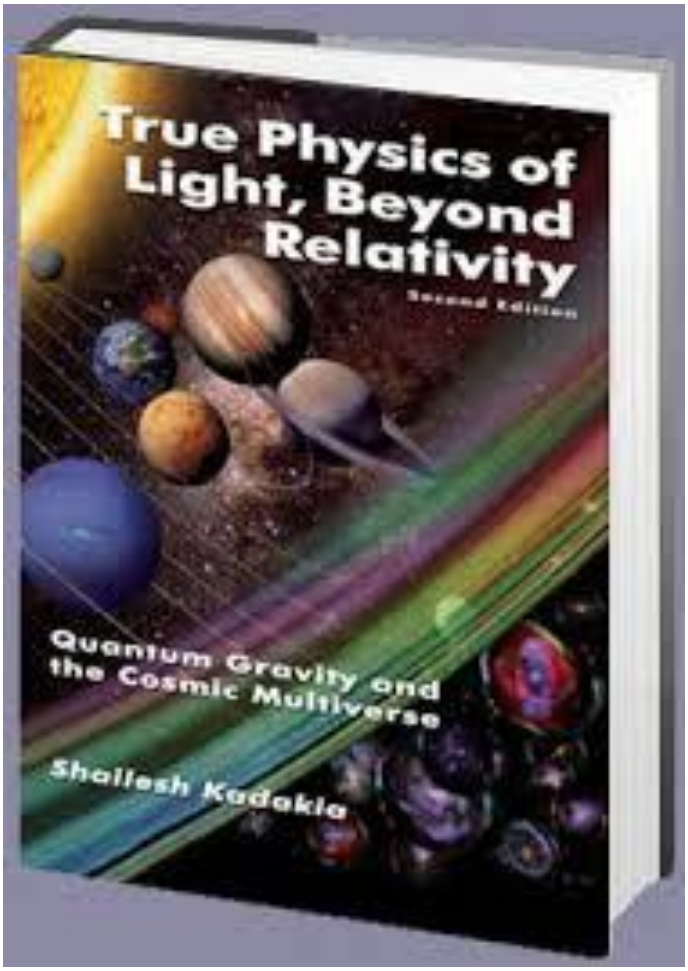
More importantly, this book is full of surprising, even shocking revelations that will prompt the reader to look differently and further analyze long-held perceptions of topics including, but not limited to, light being a wave--rather than a particle--the role of quarks in the origin of matter, complex dimensions, weather predictions, lifespan of solar systems, and the mystery behind the black hole.

While the first few chapters of the book discuss the behavior of light, the validity of Albert Einstein's mass to energy transformation theory (E=MC2), the limitations of Einstein's general theory of relativity and special theory of relativity, and Lorentz's transformations, the crux of the book revolves around the theory of Skylativity®, Shailesh R. Kadakia's unique invention that is instrumental in assessing astronomy and future space projects, in addition to evaluating Maxwell and Einstein's field equations.

In layman terms, Skylativity®, or Shailesh's theory of special relativity, provides a "simplistic view for several phenomena of complex nature such as the bending of light as it passes nearby a star and the time dilation effect observed by atomic clocks situated at different altitudes in flying aircrafts."

Clearly, the concepts of Skylativity® and True Physics of Light, Beyond Relativity (2nd edition) are revolutionary in the physics world, extending our knowledge of light and relativity, and supplying readers with a unique way of examining the way the universe works.

Kadakia's True Physics of Light never feels extensive, but rather sufficient with a keen sense of clarity. Providing formulae, conversions, and a substantial glossary, True Physics of Light is easy on the eyes and is undoubtedly textbook material. Anyone interested in the world of physics--and not stressing over complex concepts--is advised to get a hold of True Physics of Light ASAP--it's a must read!

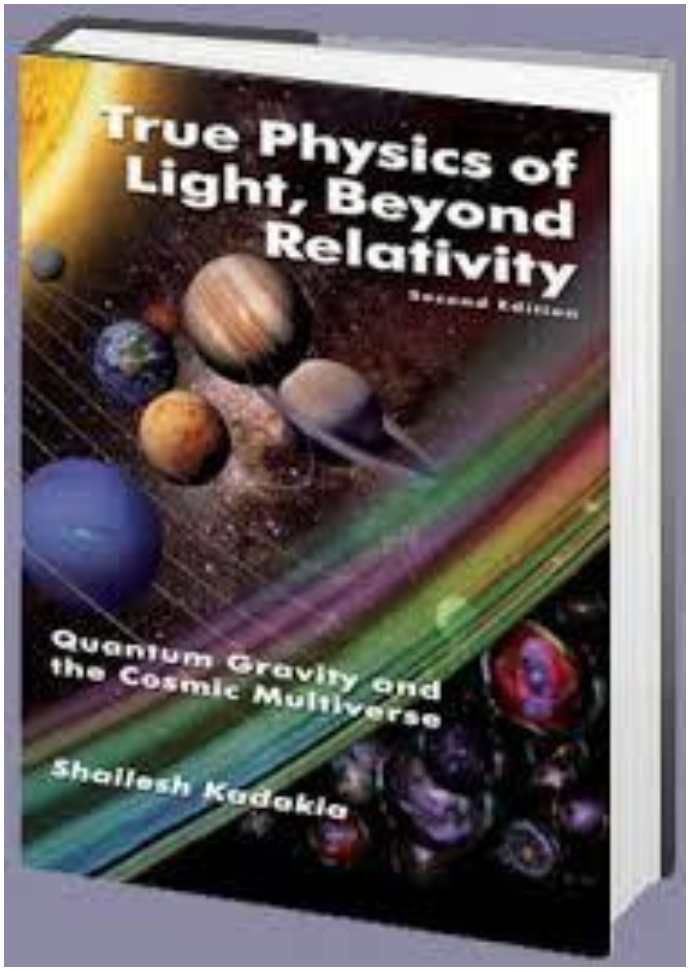


★★★★★ **Turning an Old Theory on Its Head With An Absolutely Necessary Re-Look for Our Times**, December 7, 2013
Reviewed and Submitted By **Crystal Kadakia** - See all my reviews

This review is from: True Physics of Light, Beyond Relativity: Quantum Gravity and the Cosmic Multiverse (Kindle Edition)

The True Physics of Light, Beyond Relativity is a courageous book giving a fresh perspective to questions that remained unanswered by Einstein's Theory of Relativity - at least until Shailesh explored them in his book. By going back to the fundamentals and turning the prevalent theory on its head, upside down, and all around, True Physics of Light re-examines old questions and provides much clearer answers and solutions. The graphics and illustrations are very helpful - the writing is clear and concise. The breadth of questions and answers examined in this book are wide and allows the reader to think beyond what we know and push the boundaries of today's knowledge. True Physics of Light is generating the type of discussion needed today to advance the physics and technology of tomorrow. The work in this book supports and greatly furthers the work done by Portuguese physicist, Joao Magueijo.

A must read for anyone looking to make step changes in the world of science and physics.



Customer Reviews

True Physics of Light Beyond Relativity: Revealing the Magic and Mysteries Behind the Creation of the Universe

★★★★★ **The True Physics of Light**, December 21, 2010

By
Samuel - See all my reviews

This review is from: **True Physics of Light Beyond Relativity: Revealing the Magic and Mysteries Behind the Creation of the Universe (Paperback)**

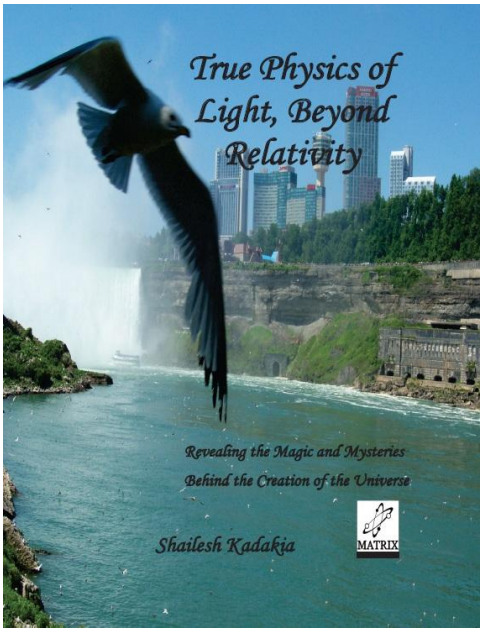
Highly Recommended!

By Visioneering1 from Atlanta, GA

"True Physics of Light, Beyond Relativity" is an eye opening book that contests the theory of special relativity concerning the true physical nature of light. The book is written for both the scientist and the average person with an enthusiasm for physics. Mr. Kadakia questions with great clarity and insight, the validity of the theory that light is both a wave form and a particle form. He goes further by positing that there may in fact be different types of "light", (apart from the differing frequencies), which have very different and quantifiable properties.

I found the book extremely insightful and it has expanded my awareness and understanding of the universe. The ideas posed in this book are far beyond their time. I highly recommend the book to anyone who is interested in learning the true physical nature of light.

--Samuel C. Poole, Sr. Accountant-Leadership Strategies



Customer Reviews

True Physics of Light Beyond Relativity: Revealing the Magic and Mysteries Behind the Creation of the Universe

★★★★☆ **The True Physics of Light**, August 3, 2010

By
Mike - See all my reviews

This review is from: **True Physics of Light Beyond Relativity: Revealing the Magic and Mysteries Behind the Creation of the Universe (Paperback)**

Upon reading the book, "True Physics of Light, Beyond Relativity", I have the following feedback.

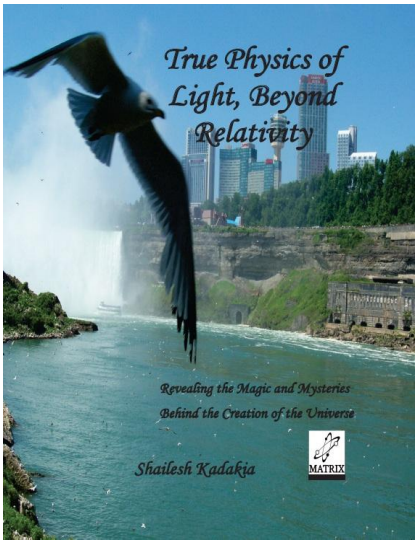
First, the book is very well written and easy to read in the respect that it flows well and the material is presented in a way that it keeps the reader interested. The information is also presented in such a way that any reader, from those with little to basic understanding of the concepts to the more advanced reader, can follow the material and understand its concepts.

This book has the potential to be used as a text book, although it does not read like one - making it versatile enough to reach the non-text book audience.

The material itself, though very bold and somewhat innovative, is well thought-out and explained to support the claims about the true physics of light. The inferences made are formulated to build upon previous theories, such as General and Special Relativity. The presentation of these differences still maintains the integrity and respect for other theories while explaining differences and examining the basis for these explanations in a clear/concise manner.

Differences examined, such as the dual nature of light as a particle (photon) and wave, offer an interesting journey into the reasoning behind claims that light behaves as a particle, when in fact such theories refer to photons of light having properties that are consistent with it being a wave.

I thoroughly enjoyed this book and would highly recommend it.



★★★★★ **Amazing Facts on Physics of Radiation Energy Waves**, March 7, 2013
Submitted By **Sky Kadakia** - See all my reviews

This review is from: True Physics of Light Beyond Relativity: Quantum Gravity and the Cosmic Multiverse (Hardcover)

Book Review: True Physics of Light, Beyond Relativity: Quantum Gravity and the Cosmic Multiverse, 2nd Edition by Shailesh Kadakia (Matrix Writers & Publishers, $99.99).

Reviewed By Steve Royal, Royal Associates April 2011

The strange nature and behavior of light energy waves has made it the most poorly understood energy source in nature. This book describes new ways of describing light and its various properties. Subjects covered deal with whether light is a wave or a particle, the physics of electromagnetic waves, limitations of Einstein's Special Relativity, black holes, accurate weather forecast and the origin of infinite universe, plus several other topics.

The author's purpose for publishing this book is to introduce facts about light, particles, waves, and how they relate to the entire universe that are unconventional compared with current thinking. These facts are verified by mathematics described in the book and lead to a new way of thinking about the universe in which we live.

Shialesh Kadakia, originally from Mumbai, India, earned his MSEE degree in electrical engineering from the University of Texas. He was awarded National Science Foundation funding for his research and thesis completion. During his 20 year career as an Information Technology Engineer at several manufacturing companies, he was issued five patents in computer technology circuits and systems, and had 25 reports and papers published in various journals. He was also awarded "Businessman of the Year" title for proposing the idea of a "smart card" for national security and is listed in the Cambridge directory of Who's Who.

"True Physics of Light, Beyond Relativity," although a technical book, is easy to read and does not contain any mathematics beyond intermediate calculus. The concepts and ideas are sometimes unusual, but, after all, that is what the book is all about.

The reader should be prepared to re-think some of the scientific ideas that have been widely accepted for a long time. Even such scientific icons such as Einstein and Maxwell have been questioned here, making the reading of the book fascinating.

Reviewed by: Steve Royal
Royal Associates
April 2011