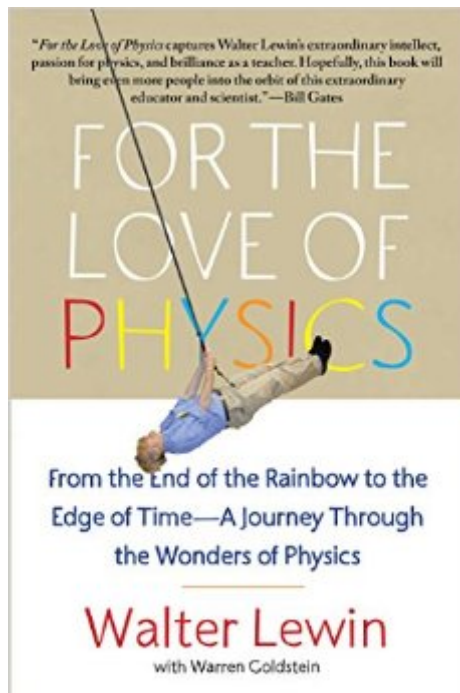


The book was found

For The Love Of Physics: From The End Of The Rainbow To The Edge Of Time - A Journey Through The Wonders Of Physics



Synopsis

“YOU HAVE CHANGED MY LIFE” is a common refrain in the emails Walter Lewin receives daily from fans who have been enthralled by his world-famous video lectures about the wonders of physics. “I walk with a new spring in my step and I look at life through physics-colored eyes,” wrote one such fan. When Lewin’s lectures were made available online, he became an instant YouTube celebrity, and The New York Times declared, “Walter Lewin delivers his lectures with the panache of Julia Child bringing French cooking to amateurs and the zany theatricality of YouTube’s greatest hits.” For more than thirty years as a beloved professor at the Massachusetts Institute of Technology, Lewin honed his singular craft of making physics not only accessible but truly fun, whether putting his head in the path of a wrecking ball, supercharging himself with three hundred thousand volts of electricity, or demonstrating why the sky is blue and why clouds are white. Now, as Carl Sagan did for astronomy and Brian Green did for cosmology, Lewin takes readers on a marvelous journey in *For the Love of Physics*, opening our eyes as never before to the amazing beauty and power with which physics can reveal the hidden workings of the world all around us. “I introduce people to their own world,” writes Lewin, “the world they live in and are familiar with but don’t approach like a physicist.” Yet. “Could it be true that we are shorter standing up than lying down? Why can we snorkel no deeper than about one foot below the surface? Why are the colors of a rainbow always in the same order, and would it be possible to put our hand out and touch one? Whether introducing why the air smells so fresh after a lightning storm, why we briefly lose (and gain) weight when we ride in an elevator, or what the big bang would have sounded like had anyone existed to hear it, Lewin never ceases to surprise and delight with the extraordinary ability of physics to answer even the most elusive questions. Recounting his own exciting discoveries as a pioneer in the field of X-ray astronomy—arriving at MIT right at the start of an astonishing revolution in astronomy—he also brings to life the power of physics to reach into the vastness of space and unveil exotic uncharted territories, from the marvels of a supernova explosion in the Large Magellanic Cloud to the unseeable depths of black holes. “For me,” Lewin writes, “physics is a way of seeing—the spectacular and the mundane, the immense and the minute—as a beautiful, thrillingly interwoven whole.” His wonderfully inventive and vivid ways of introducing us to the revelations of physics impart to us a new appreciation of the remarkable beauty and intricate harmonies of the forces that govern our lives.

Book Information

File Size: 3500 KB

Print Length: 322 pages

Publisher: Free Press (May 3, 2011)

Publication Date: May 3, 2011

Sold by: Simon and Schuster Digital Sales Inc

Language: English

ASIN: B003UV8TFE

Text-to-Speech: Not enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #119,894 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #16

in Kindle Store > Kindle eBooks > Nonfiction > Science > Essays & Commentary #26 in Books
> Biographies & Memoirs > Regional U.S. > New England #50 in Kindle Store > Kindle eBooks >
Nonfiction > Science > Astronomy & Space Science > Astrophysics & Space Science

Customer Reviews

This is a well-written book to whet your appetite for physics, if you know nothing at all about physics yet have a burning desire to learn about X-ray astronomy. I would think that narrows the audience a bit. Physics was my favorite subject in college, and I have continued to read books for the layperson (Hawking, Greene, Kaku, etc.). Those authors have a way of explaining new leading developments in modern physics in a way that speaks to the non-scientist. Lewin has a way of explaining basic, established Newtonian physics that is easy to understand but won't appeal to many of us who have had a college course or two in general physics, or even a really good high school physics course. The best audience might be high school students who are about to take their first physics course. This first part of the book takes on a conversational tone, talking down a bit, taking pains to reach us on our own level, almost like Mister Rogers if he had taught physics. ("See how revealing good measurements can be?") The first two-thirds of the book covers a range of interesting topics, although I think that one of the author's favorite topics is himself and his wonderful teaching style. He has received countless accolades for his classroom presentation, and cares about teaching a lot more than many physics professors who phone in their lectures while focused on research, so he deserves credit. But he really wants us to know that he is able to get his students to roar with laughter, or shriek in delight--"The students' eyes widen....As you may imagine, it's really very

dramatic and my students are always quite shocked.

[Download to continue reading...](#)

For the Love of Physics: From the End of the Rainbow to the Edge Of Time - A Journey Through the Wonders of Physics Rainbow Magic Rainbow Fairies Set: Las Hadas del Arco Iris (Spanish) Books 1-7 (Rainbow Magic Rainbow Fairies) Brick Wonders: Ancient, Modern, and Natural Wonders Made from LEGO (Brick...Lego) Seven Natural Wonders of Australia and Oceania (Seven Wonders) Wonders of the Solar System (Wonders Series) Rainbow Fish Finger Puppet Book (Rainbow Fish (North-South Books)) The Adventures of Rainbow Fish: A Collection (The Rainbow Fish) Rainbow Lorikeets, The Complete Owner's Guide on How to Care For Rainbow Lorikeets, Facts on habitat, breeding, lifespan, behavior, diet, cages, talking and suitability as pets Journey Through Bavaria (Journey Through series) Aloha: Love, Suite Love/Fixed by Love/Game of Love/It All Adds Up to Love (Inspirational Romance Collection) Love's Unending Legacy/Love's Unfolding Dream/Love Takes Wing/Love Finds a Home (Love Comes Softly Series 5-8) Galaxy S7: The Ultimate User Guide - Learn How To Master Galaxy S7 And Galaxy S7 Edge, Plus Advanced Tips And Secrets! (S7 Edge, Android, Smartphone) Nightmare's Edge (Echoes from the Edge) The Edge of the Light (The Edge of Nowhere) Atlas of Percutaneous Edge-to-Edge Mitral Valve Repair Law of Attraction Directly from Source: Leading Edge Thought, Leading Edge Music Physics for Scientists and Engineers with Modern Physics: Volume II (3rd Edition) (Physics for Scientists & Engineers) Head First Physics: A learner's companion to mechanics and practical physics (AP Physics B - Advanced Placement) New England Covered Bridges Through Time (America Through Time) Quincy Through Time (America Through Time)

[Dmca](#)