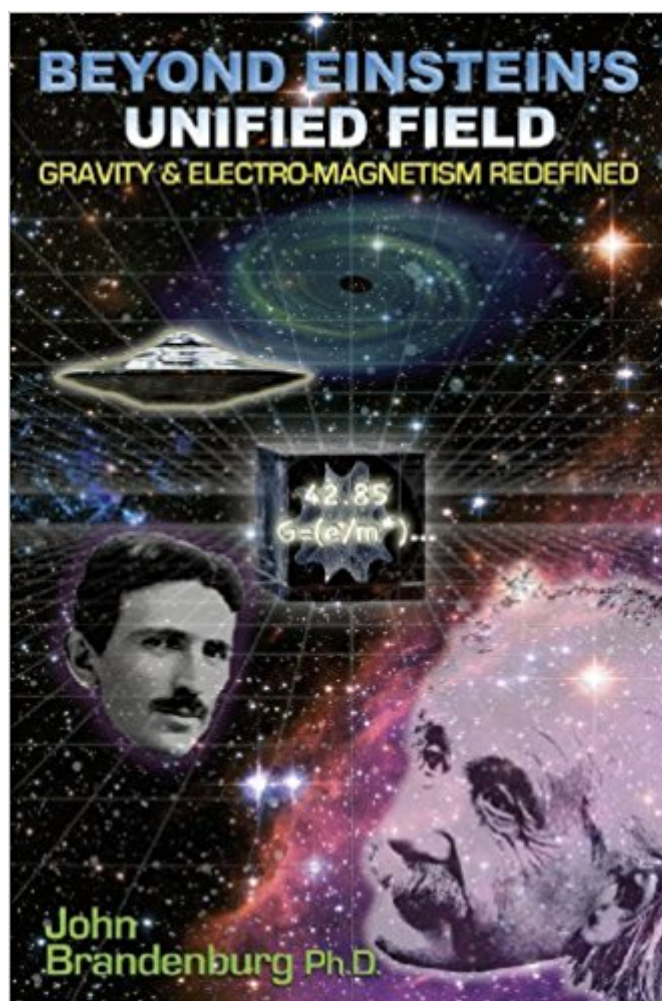


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# Beyond Einstein's Unified Field: Gravity & Electro-Magnetism Redefined



## Synopsis

Veteran plasma physicist John Brandenburg reveals the new theory that finally accomplishes what Einstein failed to do: the GEM Unification Theory proves the mathematical and physical interrelation of the forces of gravity and electromagnetism! This theory vindicates Einstein's dedication to unifying the fields in the final labor of his life. His quest became legendary, then mythic, until the whole idea was dismissed as myth by other physicists; the gravity-electromagnetism problem pursued by Einstein until his death became regarded like the ancient Greek problem of squaring the circle-an epic puzzle with no solution. But the other physicists were wrong, as Brandenburg shows. It turns out the fields can be unified-the circle can be squared-and this has vast implications for the future of humankind. Brandenburg starts out by tracing the evolution of thought on the two long-term forces of nature, gravity and electromagnetism, from ancient times to the modern day. He shows the intricate interweaving of Einstein's work with that of other physicists, including Sarkharov and his "zero point" theory of gravity and the hidden fifth dimension of Kaluza and Klein. He also traces the surprising, hidden influence of Nikola Tesla on Einstein's life. This book shows how, despite Einstein's errors in the details, the successful GEM Unification Theory is built on his basic hypothesis that gravity and electromagnetic forces could be unified, and that both controlled gravity and a new view of the cosmos follow: hydrogen, the basic building block of the universe, can be unified with the vacuum itself! The universe is self-renewing, a sort of "evergreen cosmos." Brandenburg describes control of space-time geometry through electromagnetism, and states that faster-than-light travel will be possible in the future. Anti-gravity through electromagnetism is possible, which upholds the basic "flying saucer" design utilizing "The Tesla Vortex." A must read for any person interested in UFOs and leading-edge physics. See the physics used at Area 51 explained!

## Book Information

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## Customer Reviews

"A fascinating book! Brandenburg has stared into the void and nailed "Big G. Who else has done that?" -- Martin Chiavarini, PhD

John E. Brandenburg Ph.D. is the Senior Propulsion Scientist Orbital Technologies Corporation in Madison, Wisconsin and is the author of Life and Death on Mars. He is well known as an expert on Mars anomalies and on advanced space propulsion theories.

This book was purchased because a real Physicist has decided we need to know the American Government is holding back on the newly developed spacecraft technology. Dr. Brandenburg has, with the help of other great Physicist that have gone before him, resolved what was a theory, and now is fact. Gravity and Electromagnetism have been Unified. Why is this so important? Well once this was worked out, a full understanding of how a DISK shape flying craft can be successfully made and operated without crashing. Yep, that's right, we do have, and have had for some time now, flying saucers. In this book he covers the history of those great guys that have worked on this perplexing problem of Unification, in a way that is possible for a non Physicist like me to follow, but if you don't like calculus, simply trust the math and move on to the next guy, like Sir Isaac Newton, and watch how they all made contributions to the final Einstein Theory of Unified Fields. It's all about updating us on Spacecraft technology. Very cool to know Scientists are speaking out about what the government wants to keep a lid on.

As a former student of physics, I found Beyond Einstein's Unified Field Theory to be an enjoyable romp through the history of physics with many interesting side tales and an intriguing peek at possible future directions at the end. If you still have a bit of the undergraduate's love for the beauty of physics then this book will be a pleasant reminder of what you used to cherish about the field. It's not realistic to expect a book such as this to provide the reader with a mathematical proof or framework of a unified field theory - that's not what this book is for. It is not a textbook or a research paper. It's a descriptive work and it does provide a nice description of the most influential theories in physics and how they tie together. It also provides an interesting description of possible analogies

between gravitation and electromagnetism and the implications. The reader with a more mathematical bent and background will be inclined to seek out additional resources for details. Given that there is so much territory to cover, rather than proceeding in a purely chronological order like most, the book starts with the basics and proceeds to increasingly esoteric topics. It's semi-chronological, but not entirely. The order may be a bit confounding to those used to a standard chronology and at times it's difficult to locate a particular passage or to tell where the book is heading. A few anecdotes or passages seem to be sprinkled in pseudo-randomly and it can be a bit difficult to tell where the book is heading at times. The organization of the material is not this book's strongest point. It's best to just enjoy the trip and let the tale unwind. Along the way, we stop off to meet numerous figures of physics throughout history from Zeno to Bohr. While these little side trips and biographies may not strictly be necessary to understand the physics, they add greatly to the enjoyment of the journey. The book contains numerous photographs and diagrams, on almost every page, to show us the ideas and people behind them. Probably the most controversial aspect of this work will almost certainly be the later chapters on gravity and the analogies between the EM field Poynting force and fluid dynamics. The notion that we may one day be able to manipulate gravitational effects with the same ease that we currently do with electricity and magnetism is certainly tantalizing. It inspires hope for a future where we may one day be able to rise up from the Earth's gravity well and move out into the reaches of the universe. I found this prospect to be thought provoking. In terms of level of difficulty, I found this book to be in a rare space where it was enjoyable but still had portions that were challenging and require the reader to stop and think or to reread a passage. Any person with more than a passing interest in physics is presented with the difficulty that there are very few resources available that are written at a level that is challenging yet not opaque. Bookstore shelves are filled with physics books targeted towards the layperson which tend to contain the same bland descriptions and analogies. How many times have you read a description of Einstein's general theory describing curved space as a warped sheet of paper? This book contains little math but at least is not afraid to delve into ideas such as tesseracts, Faraday tensors, Maxwell stress tensors, Kaluza-Klein dimensions, Poynting vectors, and others. I felt like I actually learned something while reading it. Most physics books tiptoe up to the difficult parts and then just give up or skip on to the next topic, which I find extremely frustrating. Usually I start these books with hope and finish with disappointment at not encountering anything new. Some mathematics might help to back up the descriptions, but at least I found this book conceptually challenging enough to be engaging. If I can find even one new and lasting idea in a book, then I tend to count it as worthwhile. I can count a number of new ideas from this one so I consider it time (and

money) well spent.

A different way to look at reality that may open doors to near limitless energy and inertia free propulsion. A great read for the math and physics inclined but still challenging. I loved it but struggled at times with concepts like "Poynting field."

Interesting

I really enjoyed this book and I wanted to do a bit of defending against James' less-than-flattering review. I agree that Dr. Brandenburg's book is great for the beginner with a big imagination and a limited (okay--NONEXISTANT in my case) grasp on the math. But for all of you math-heads out there, he does indeed supplant the text with technical mathematical discussions at the very end. This book knocked my socks off! I found myself getting very excited while reading, often stopping to reread (then reread again) to fully absorb it. Once again, truth is stranger than fiction, even on (or especially on...?) the subatomic level! Full of cool quotes, beautiful photographs, and fascinating concepts. If you had fun reading *The Holographic Universe* by Michael Talbot, I would highly recommend this book. While it is more technical throughout and a different perspective on the physics, Brandenburg's work inspires the same sense of wonder and takes it zooming into the cosmos.

Beyond a lot of technical jargon I don't think he punched through the macro and microcosm to any kind of a unified anything. I wasn't too impressed by the publisher either. There were too many typos. I think it being a sub standard publishing house is the reason this book got published. Same with his other book about Mars. He is just not an impressive brain. I wouldn't buy another book from this publisher. Very sub standard. Reminds me of the Inquirer.

This title of this book leads one to believe sound mathematical evidence will be presented supporting a unified field theory; such is not the case. Reviewing this book as an engineer, the book was totally disappointing. There is no revelation within this book exactly explaining how one unifies gravity and electromagnetism. The majority of the book is typical physicists' discourse; a paternal physics and Greek science lesson. The latter part of the book regurgitates a few well known smattering of equations we all know and use; the author did not connect them into a solid unification theory.

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