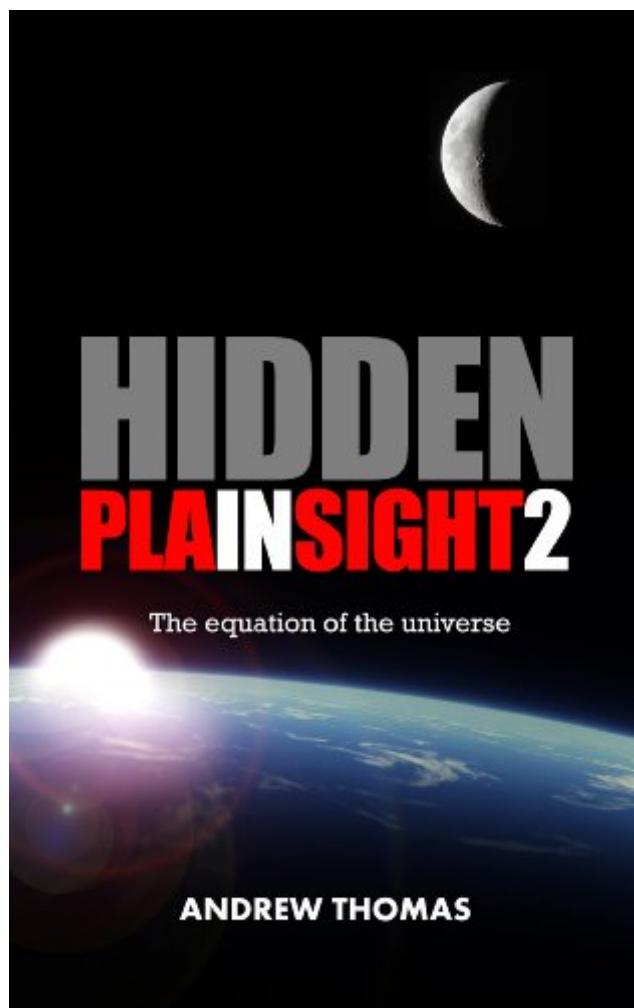


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Hidden In Plain Sight 2: The Equation Of The Universe



Synopsis

You never knew theoretical physics could be so simple! Why do things move? Why is the expansion of the universe accelerating? Is the universe a black hole? This exciting book considers some of the deepest and most important questions in physics. Enjoy a thrilling intergalactic tour as Andrew Thomas redefines the force of gravity and introduces a brave new view of the universe!

Book Information

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Customer Reviews

In the past two weeks I read Hidden in Plain Sight and Hidden in Plain Sight 2. I have an MS degree in solid state physics from Purdue (1969). I worked my entire career in the quartz crystal field (mostly for sensor applications). I am not really conversant in the field of Cosmology, but I have had an interest in it, especially with the attention being given to the new discoveries in recent times. However, just as Thomas, I have always been troubled by String Theory and any theory that involves multiverses (a nearly infinite number of universes being "created" every second). "give me a break!). His two books present a very thoughtful, logically progressive, and easy to understand development of his theory of almost everything. Not being conversant in cosmology, I cannot find fault in his work. I await the consensus of his peers. But I must say, WELL

DONE!! made notes of comments and questions as I read book 2:1. On page 74 of Hidden in Plain Sight 2 you left out the c^2 term in Friedmann's Acceleration equation. Otherwise, the density term cannot be added to the pressure term because the units don't correspond. The equation should have $(\dot{A} + 3P/c^2)\dot{t}$. Why isn't there a hole at the center of the universe caused by the Big Bang, if the Big Bang caused all of the mass-energy to fly away? Because of inflation, or your modified gravity theory? Why is the entire universe more-or-less uniform? Is it spherical? One simplified description of the Big Bang I have heard is to think of galaxies being represented by raisins in the rising dough of a loaf of raisin bread as the dough rises all of the raisins move away from each other. If that were the case, all the visible objects in the universe should be red-shifted. But, if the Andromeda Galaxy is going to collide with the Milky Way Galaxy in a few billion years, and other galaxies have collided (e.g. the Bullet galaxy), then this simple view is obviously not correct, but how then is it explained that some galaxies are approaching each other? On page 85 you have a value for the mass of a black hole to be as much as 450 times the mass of the Sun. Then, on page 87 you have the mass of a supermassive black hole at the center of the Milky Way Galaxy of about 4.3 million solar masses. Why make the distinction? It's confusing. On page 89 you state if one corner of an object is hot, then that heat will spread through the object so that the entire object becomes one temperature. This is only true if the object is thermally isolated (including being isolated from black-body influences). Thank you for two brilliant books that simplify and add a fundamentally new look at the most complicated topics in physics.

Loved this book. It takes the reader on the scenic tour of the problems in present day cosmology and then offers an interesting hypothesis to explain them. The theory is as simple as it is unorthodox. Whether this model will hold up under the weight of astronomical observations and mathematical tests is uncertain. But it seems to follow logically from the idea that the total energy in the universe (mass, motion, etc. - potential energy) sums to zero. With some simple (really) math, he derives solutions to several of the current vexing problems in physics and cosmology. The book did have a few minor typos, and in spots was a bit dry. But given the topic it is difficult to describe in a "sexy" way. This book does better than most in making the topic intriguing and understandable. Whether these ideas turn out to be true is another question. To its credit it does propose some possible tests to prove it true or false. Ultimately, only trial by observation and evidence will make or break it. But at least for now, the ideas in this book seem convincing. Read it

and decide for yourself.

I am not going to do a long review and for this Dr Thomas is responsible. If not, my stupidity is. All I want to know is: how good a physicist is he? Is his work peer reviewed? Once that's known, I feel more confident in boosting or condemning his books. At this stage, I am very boosting inclined but am a tad nervous to do so. This is due to the fact that I am not a properly trained physicist. No matter what optimised search words I used to try and establish the answer to those two crucial questions, the same non-committal websites came up. Not to belabour the point, but due to paucity in my physics, I am not in a position to judge his work authoritatively. However, with the little physics I do have, aided with many books I've read by renowned authors like Brian Greene, Victor Stenger, Michio Kaku, Stephen Hawking, Paul Davis, Stephen Weinberg, Alan Guth... to list but a very few on the subject, Dr Thomas sounds legit. Even his formulas makes sense to lay me. Considering those credentials, I find for Dr Thomas. There is another characteristic his writing displays, which I much admire. Having been a lecturer myself, I know how difficult it is to explain the essence of a complex matter, simply, interestingly, concisely, lucidly and easily comprehensible. This Thomas does brilliantly. He does it so damn well, it makes me, despite being a great fan of Occam, suspicious. IT IS TOO EASY, TOO OBVIOUS. Could Thomas' hypotheses be correct? Why the thundering silence from academia while Thomas' work has been available since 2013? Nevertheless, in my limited opinion, Dr Thomas poses highly likely hypotheses while the facts he uses, supported by properly established theories, makes for lucid reading. He efficiently explains concepts which previously, I had difficulty to understand. Thank you, Dr Thomas. If your speculations/ hypotheses are one day peer reviewed and debunked, I shall still be grateful for having read your books. You explain things so well, that I find myself all a tremble to read the next one: on a subject I most heartily disliked at university. For the first time physics and specifically quantum mechanics now make a lot more sense. You have managed to ameliorate the self doubt, which used to feed an inferiority complex at how stupid I am. More importantly, I suspect that I'm by a very large margin, not alone in this. If it means anything, of the many hundreds -- I don't know exactly how many -- Kindle books I've read, the Hidden In Plain Sight are the first ones I've gone to the trouble to have rated and reviewed.

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