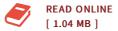




Einstein s Heroes: Imagining the World through the Language of Mathematics (Paperback)

By Robyn Arianrhod

Oxford University Press, United Kingdom, 2013. Paperback. Condition: New. Language: English . Brand New Book. Imagine you are fluent in a magical language of prophecy, a language so powerful it can accurately describe things you cannot see or even imagine. Einstein s Heroes takes you on a journey of discovery about just such a miraculous language-the language of mathematics-one of humanity s most amazing accomplishments. Blending science, history, and biography, this remarkable book reveals the mysteries of mathematics, focusing on the life and work of three of Albert Einstein s heroes: Isaac Newton, Michael Faraday, and especially James Clerk Maxwell, whose work directly inspired the theory of relativity. Robyn Arianrhod bridges the gap between science and literature, portraying mathematics as a language and arguing that a physical theory is a work of imagination involving the elegant and clever use of this language. The heart of the book illuminates how Maxwell, using the language of mathematics in a new and radical way, resolved the seemingly insoluble controversy between Faraday s idea of lines of force and Newton s theory of action-at-a-distance. In so doing, Maxwell not only produced the first complete mathematical description of electromagnetism, but actually predicted the existence of...



Reviews

This sort of ebook is every thing and made me hunting forward and a lot more. I have read through and i also am confident that i am going to go through once again once more in the foreseeable future. I discovered this publication from my dad and i encouraged this book to discover. -- Prof. Kip Spinka IV

Comprehensive information for book fans. It is one of the most amazing book i actually have read. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Yoshiko Okuneva

DMCA Notice | Terms