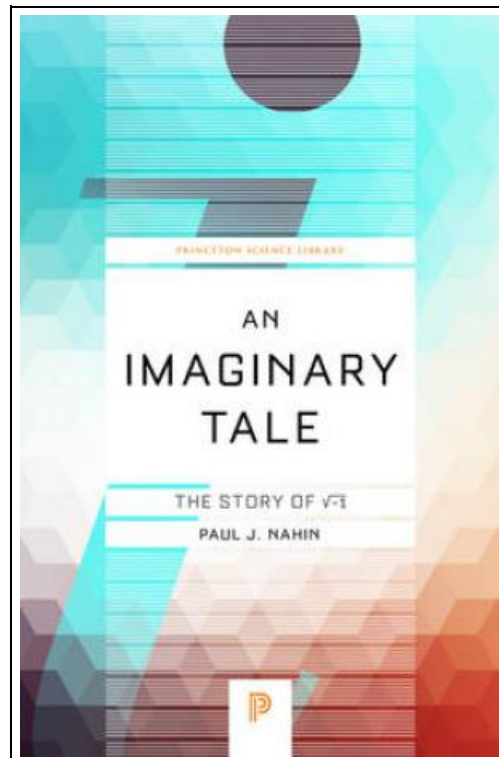# An Imaginary Tale

Filesize: 5 MB

Reviews

Unquestionably, this is the best operate by any author. It is among the most amazing pdf i actually have read. Its been designed in an remarkably basic way which is just right after i finished reading this pdf by which basically altered me, change the way i believe.
(Harold Spencer)

AN IMAGINARY TALE

To download **An Imaginary Tale** eBook, you should access the hyperlink listed below and save the ebook or have access to additional information that are highly relevant to AN IMAGINARY TALE book.

Paperback. Book Condition: New. Not Signed; Today complex numbers have such widespread practical use--from electrical engineering to aeronautics--that few people would expect the story behind their derivation to be filled with adventure and enigma. In An Imaginary Tale, Paul Nahin tells the 2000-year-old history of one of mathematics' most elusive numbers, the square root of minus one, also known as i. He recreates the baffling mathematical problems that conjured it up, and the colorful characters who tried to solve them. In 1878, when two brothers stole a mathematical papyrus from the ancient Egyptian burial site in the Valley of Kings, they led scholars to the earliest known occurrence of the square root of a negative number. The papyrus offered a specific numerical example of how to calculate the volume of a truncated square pyramid, which implied the need for i. In the first century, the mathematician-engineer Heron of Alexandria encountered I in a separate project, but fudged the arithmetic; medieval mathematicians stumbled upon the concept while grappling with the meaning of negative numbers, but dismissed their square roots as nonsense. By the time of Descartes, a theoretical use for these elusive square roots--now called imaginary numbers --was suspected, but efforts to solve them led to intense, bitter debates. The notorious i finally won acceptance and was put to use in complex analysis and theoretical physics in Napoleonic times. Addressing readers with both a general and scholarly interest in mathematics, Nahin weaves into this narrative entertaining historical facts and mathematical discussions, including the application of complex numbers and functions to important problems, such as Kepler's laws of planetary motion and ac electrical circuits. This book can be read as an engaging history, almost a biography, of one of the most evasive and pervasive numbers in all of mathematics. book.

Read An Imaginary Tale Online
Download PDF An Imaginary Tale

Relevant Kindle Books

[PDF] You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most

Click the hyperlink under to download "You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most" PDF document.

Save eBook

»

[PDF] Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird

Click the hyperlink under to download "Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird" PDF document.

Save eBook

»

[PDF] The Princess and the Frog - Read it Yourself with Ladybird

Click the hyperlink under to download "The Princess and the Frog - Read it Yourself with Ladybird" PDF document.

Save eBook

»

[PDF] The Kid

Click the hyperlink under to download "The Kid" PDF document.

Save eBook

»

[PDF] NIV Soul Survivor New Testament in One Year

Click the hyperlink under to download "NIV Soul Survivor New Testament in One Year" PDF document.

Save eBook

»

[PDF] First Fairy Tales

Click the hyperlink under to download "First Fairy Tales" PDF document.

Save eBook

»