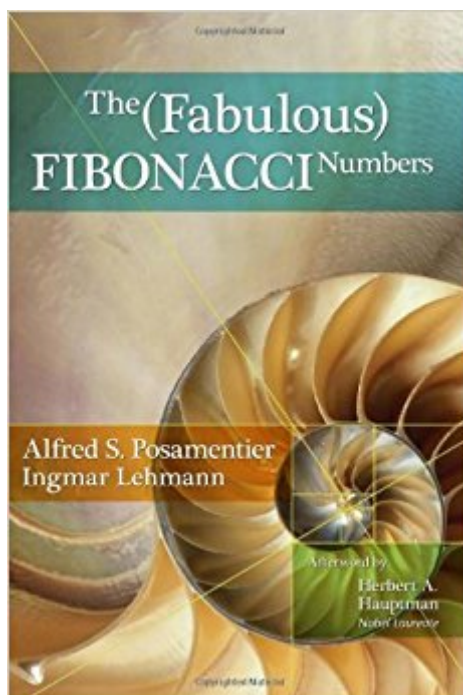The book was found

The Fabulous Fibonacci Numbers

Synopsis

The most ubiquitous, and perhaps the most intriguing, number pattern in mathematics is the Fibonacci sequence. In this simple pattern beginning with two ones, each succeeding number is the sum of the two numbers immediately preceding it (1, 1, 2, 3, 5, 8, 13, 21, ad infinitum). Far from being just a curiosity, this sequence recurs in structures found throughout nature?from the arrangement of whorls on a pinecone to the branches of certain plant stems. All of which is astounding evidence for the deep mathematical basis of the natural world.With admirable clarity, math educators Alfred Posamentier and Ingmar Lehmann take us on a fascinating tour of the many ramifications of the Fibonacci numbers. The authors begin with a brief history of their distinguished Italian discoverer, who, among other accomplishments, was responsible for popularizing the use of Arabic numerals in the West. Turning to botany, the authors demonstrate, through illustrative diagrams, the unbelievable connections between Fibonacci numbers and natural forms (pineapples, sunflowers, and daisies are just a few examples). In art, architecture, the stock market, and other areas of society and culture, they point out numerous examples of the Fibonacci sequence as well as its derivative, the "golden ratio." And of course in mathematics, as the authors amply demonstrate, there are almost boundless applications in probability, number theory, geometry, algebra, and Pascal?s triangle, to name a few.Accessible and appealing to even the most math-phobic individual, this fun and enlightening book allows the reader to appreciate the elegance of mathematics and its amazing applications in both natural and cultural settings.

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Customer Reviews

Good product, price, and service.

Not too far into it, yet, but well written.

Excellent book a must read if you truly want to know how the universe is mathmatically made.

Very good.

Alfred Posamentier is an excellent writer and explains the secrets of mathematics in a way that all can enjoy. I have read several of his books so far and none of them have disappointed me.

Great book. Such a terrific reference work! Strongly recommended. A perfect journey through the numbers. If you enjoy numbers you will love this book.

Great book and super fast delivery ot it.

The book provides much of the available information on the Fibonacci numbers. It starts with the life of Leonardo da Pisa, the man who first introduced the numbers to the world almost a thousand years ago. It describes the actual sequence, then demonstrates the connection that the numbers have to the natural, as well as to the world of the visual arts and of music. Even the stock market is not immune of the influence of the Fibonacci sequence.What particularly impressed me about this book is the clarity with which the authors present the subject. Whether you are a mathematician or simply have an inquisitive mind, you will always know the exact meaning of the subject under discussion. In fact, you can skip the (sometimes) long mathematical formulae and still never lose

track of the narrative.A wonderful book that makes one ponder on the origin and significance of the created world. A must for mathematicians, scientists and generally educated individuals. A must also for those who believe that our universe and all its contents are only the product of a series of coincidences. These people may change their minds after becoming familiar with the Fibonacci numbers.

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