

The Fascinating Journey: The Story Of Mathematical Idea Dover On Mathematics

The Birth of Dover Publications

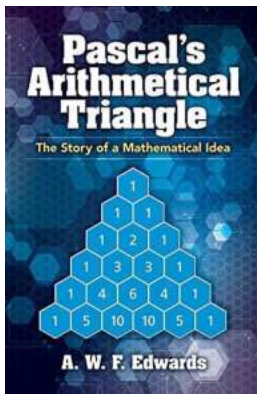
In the world of mathematics, few names have stood the test of time like Dover Publications. Founded in 1941 by Hayward Cirker, a young New Yorker with a passion for books, Dover quickly became renowned for its inexpensive yet high-quality publications on various subjects. Embracing the mission of making knowledge accessible to all, Cirker made mathematics one of the cornerstones of the Dover collection.

A Revolutionary Idea

Cirker's revolutionary idea was to republish classic mathematical works that were no longer in print. These forgotten gems, often dismissed as outdated, contained invaluable wisdom and insights that could still benefit curious minds. By reissuing these books at affordable prices, Dover breathed new life into mathematical literature and democratized access to mathematical knowledge.

The Dover Math Collection

Dover's dedication to mathematics led to the creation of the renowned "Dover on Mathematics" series. This collection of books spans a wide range of topics, from elementary arithmetic to advanced calculus. Each book is carefully selected to offer a comprehensive learning experience, making them suitable for both students and enthusiasts alike.



Pascal's Arithmetical Triangle: The Story of a Mathematical Idea (Dover Books on Mathematics)

by A.W.F. Edwards (Reprint Edition, Kindle Edition)

★★★★☆ 4.4 out of 5

Language : English

File size : 20192 KB

Text-to-Speech : Enabled

Enhanced typesetting : Enabled

Print length : 227 pages

Lending : Enabled

Screen Reader : Supported



1. Exploring Number Theory with Hardy and Wright

One of the highlights of the Dover Math Collection is the timeless work "An to the Theory of Numbers" by G.H. Hardy and E.M. Wright. Originally published in 1938, this book has remained a classic in the field and continues to inspire mathematicians to this day. It covers various topics including prime numbers, Diophantine equations, and quadratic residues.

2. Unleashing the Power of Geometry with Coxeter

Another gem in the Dover collection is H.S.M. Coxeter's "to Geometry." Coxeter, a pioneer in the field, presents geometric concepts with elegance and precision, revealing the inherent beauty of the subject. This book is a perfect starting point for anyone interested in exploring the depths of geometry, from basic Euclidean constructions to advanced transformations.

3. Mastering Calculus with Spivak

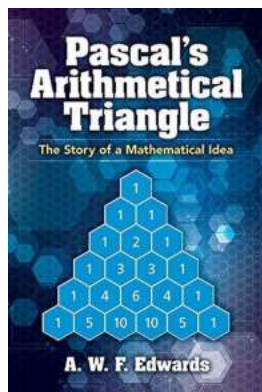
Michael Spivak's "Calculus" is a comprehensive guide that has become a staple for mathematics students worldwide. This book goes beyond mere calculation, delving into the fundamental concepts and principles that underlie calculus. With clear explanations and challenging exercises, Spivak's work equips readers with a deep understanding of this essential branch of mathematics.

Continuing the Legacy

Today, Dover Publications continues to expand its mathematical offering, bringing old classics back to life and introducing new works to the modern audience. The Dover Math Collection continues to inspire countless individuals, fostering a love for mathematics and enabling new generations to benefit from the wisdom of the past.

In

The story of Dover Publications on mathematics is a remarkable one. Through their visionary approach, they have preserved and elevated mathematical knowledge, ensuring that it remains accessible to everyone. From their humble beginnings to their present-day impact, Dover's journey has been nothing short of inspiring. So, dive into the world of mathematics with the Dover Math Collection and embark on a fascinating exploration of the subject that has shaped our understanding of the world.



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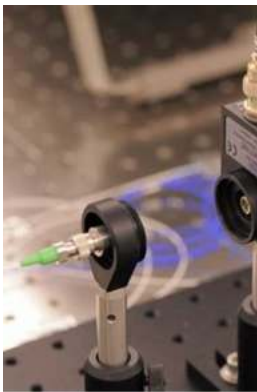
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This survey explores the history of the arithmetical triangle, from its roots in Pythagorean arithmetic, Hindu combinatorics, and Arabic algebra to its influence on Newton and Leibniz as well as modern-day mathematicians.



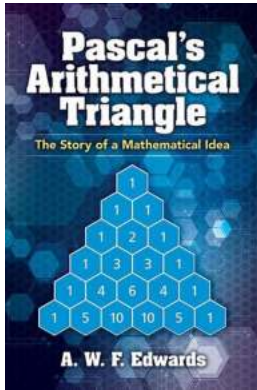
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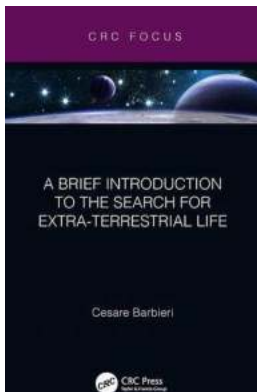
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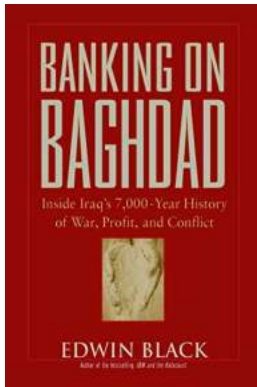
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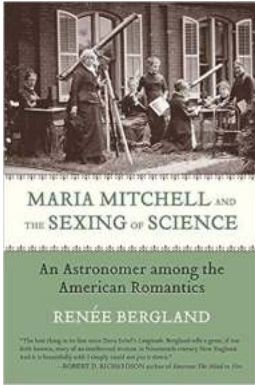
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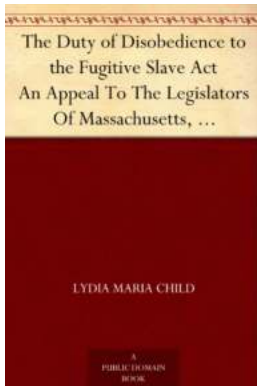
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