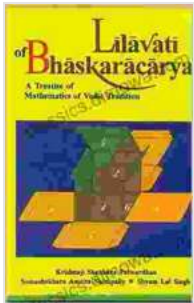


Treatises of Mathematics of Vedic Tradition: Unlocking the Wisdom of the Ancients



Lilavati of Bhaskaracarya: A Treatise of Mathematics of Vedic Tradition by Baby Professor

★★★★★ 5 out of 5

Language : English
File size : 117954 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 42 pages
Lending : Enabled



Prepare to be captivated as you embark on an extraordinary journey through the enigmatic world of Vedic Mathematics. This treatise offers a comprehensive guide to the ancient mathematical knowledge that has shaped the foundations of Indian civilization for centuries.

A Legacy of Mathematical Genius

The Vedic tradition, dating back to the pre-Vedic period, is renowned for its profound contributions to mathematics, astronomy, and other scientific disciplines. This treatise draws upon ancient Vedic texts, meticulously translated and analyzed, to reveal the intricate formulas, geometric principles, and computational techniques that were the hallmark of this erudite civilization.

The Power of Vedic Formulas

At the core of Vedic Mathematics lie a series of ingenious formulas that simplify complex calculations, making them accessible to even those with limited mathematical prowess. These formulas, ranging from the simple to the remarkably intricate, provide shortcuts and tricks that can streamline operations like multiplication, division, square roots, and cube roots.

mathematical problems without the use of any calculator, computer, or device. It focuses on simple and easy formulas and 17 sub-formulas that can be used to solve problems related to addition, subtraction, multiplication, division, squares, etc. Vedic mathematics is a system of mathematics that is based on the concept of 'Yantra' or 'Yantra' which is a geometric figure that is used to solve mathematical problems. This article will highlight some of the key concepts and formulas of Vedic mathematics.

Let's first understand the concept of Vedic math. There are 17 types of Vedic math with examples or four important ones that combine to the simplicity and greatness of Vedic math, along with examples.

- Nikhilam Navatathcaramam Dashatah – meaning all from 9 and last from 10.**
 You can use this method for the multiplication of numbers close to any power of 10. It uses a combination of addition, subtraction, multiplication, and division to make complex multiplications easier and quicker.
 Let's take an example of 96 X 94 and understand the step by step process of this method.
 Depending on the numbers used for multiplication, you need to select the closest base that is a power of 10. Here, the base would be 100.
 II. Apply the principle of Nikhilam sutra, which is, subtracting the digits from the base.
 $96 = 100 - 4$ (A)
 $94 = 100 - 6$ (B)
 III. Multiplication of the excess or deficiency remainder with each number.
 $-4 \times -6 = 24$ (C)
 IV. Addition of any one of the numbers with the excess or deficiency of the other from the base.
 $96 - 6 = 90$ (D) or $94 - 4 = 90$ (E)
 The final answer will be the combination of (D) and (C) which is
(D) & (C) = 90 & 24 = 9024.
- Anurupyena-Shunyamanyat – a special formula of Nikhilam sutra**
 You can use this method when the numbers that you are multiplying are close to one another like 65, 75, 80, etc. and not close to a power of 10 but close to a

Geometrical Insights from the Vedas

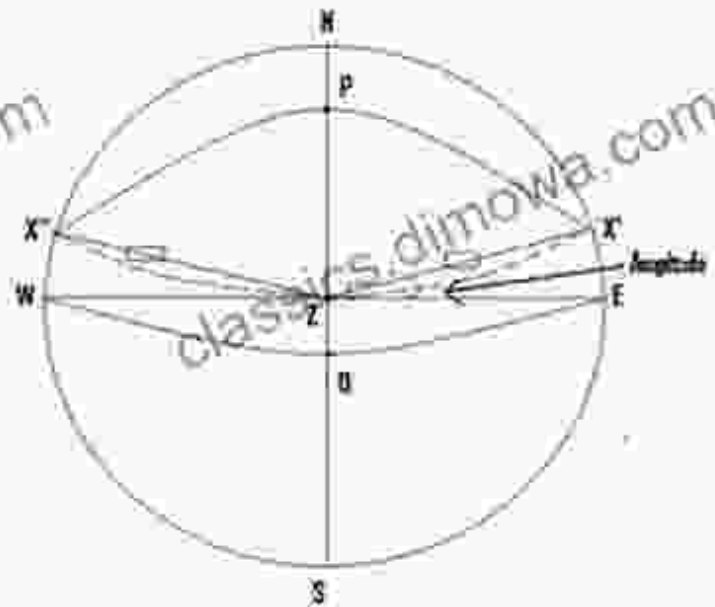
Beyond formulas, Vedic Mathematics also encompasses a rich body of geometrical principles that illuminate the underlying patterns and relationships in the world around us. From the construction of altars to the planning of celestial observatories, these principles have guided architects and engineers for millennia.



Applications in Astronomy and Architecture

The mathematical knowledge of the Vedic tradition found practical application in diverse fields. Vedic astronomers used sophisticated algorithms to calculate planetary positions and predict eclipses, while Vedic architects applied geometrical principles to design magnificent temples and cities that are still admired today.

How to calculate Latitude at theoretical sunrise??



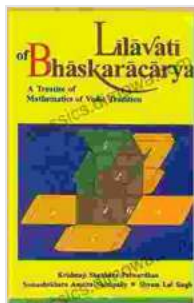
A Treasure of Wisdom for Modern Times

The Treatise of Mathematics of Vedic Tradition is not merely a historical curiosity but a living testament to the ingenuity of the ancient Vedic seers. By understanding these mathematical principles, we can unlock a deeper appreciation for the interconnectedness of the world and gain new perspectives on scientific and philosophical questions.

Free Download Your Copy Today

Don't miss this opportunity to delve into the fascinating world of Vedic Mathematics. Free Download your copy of the Treatise of Mathematics of Vedic Tradition today and embark on an intellectual journey that will enrich your understanding of history, science, and the human spirit.

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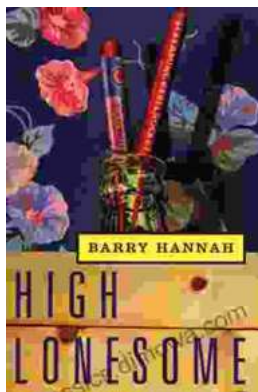


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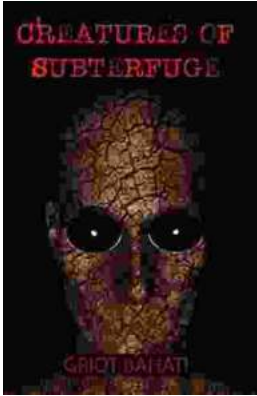
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