

Are We Prepared To Accept The Reality ?

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Abstract

In this lecture an attempt is being made to convince the world, especially we Indians that in reality Bharat, the Greater India, is the origin of mathematics. This will correct what most of the historians of Mathematics have claimed in their books, and we have accepted it religiously.

We will also try to reassure that Mathematics as well as Proof cannot be defined. Further, we shall discuss features of Upapattis (word in Pali, Sanskrit, and Marathi languages) in Indian Mathematics.

Bibhutibhushan Datta (1888-1958, India), *The Science of the Sulbas: A Study in Early Hindu Geometry*, Calcutta University Press, Calcutta, 1932.

Page 27 reads: The reference to the sacrificial altars and their construction is found as early as the Rg-Veda Samahita (before 3000 BC). ... It seems that the problem of the squaring of the circle and the theorem of the square of the hypotenuse are as old in India as the time of Rg-Veda. They might be older still.

Four Vedas (means wisdom, knowledge or vision), *Rigveda*, *Samaveda*, *Yajurveda*, and *Atharvaveda* were codified by Krishna Dwaipayana or Sage Veda Vyasa (born 3374 BC) along with his disciples Jaimani, Paila, Sumanthu, and Vaisampayana. Each Veda consists of four parts – the Samhitas (hymns), the Brahmanas (rituals), the Aranyakas (theologies) and the Upanishads (philosophies).

Arthur Schopenhauer (1788-1860), One of the greatest German philosophers and writers: In the whole world there is no study so beneficial and so elevating as that of the Upanishads. It has been the solace of my life; and it will be the solace of my death. They are the product of the highest wisdom. “Vedas are the most rewarding and the most elevating book which can be possible in the world.”

Niels Bohr (1856-1962), Nobel Laureate in Physics (1922) for his theory of Atomic structure: I go into the Upanishads to ask questions.

Stephen Knapp, *The Secrete Teachings of the Vedas*, Jaico Publishing House, Mumbai, 1993. Stephen Knapp, *Proof of Vedic Culture's Global Existence* Paperback, Booksurge, Charleston, 2009.

During Vedic period (at least 5000 years ago) it was known that the distances of the Moon and Sun from the Earth are 108 (which is a sacred number in several eastern religions and cults) times the diameters of these heavenly bodies, respectively, (the observed values are 110.6 for the Moon and 107.6 for the Sun). Hindus also discovered what is known as the *precession of the Equinoxes* and their calculation such an occurrence takes place every 25827 years, our modern science after labors of hundreds of years has simply proved them to be correct.

Jean Sylvain Bailey (1736-93), Great French astronomer and politician, noted for his computation of an orbit for Halley's Comet. The motion of the stars calculated by the Hindus

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before some 4500 years vary not even a single minute from the modern tables of Cassine and Meyer.

John Archibald Wheeler (1911-2008), Eminent American physicist, the first one to be involved in the theoretical development of the Atomic bomb and the first to coin the term 'Black Hole' who later occupies the chair that was held by Albert Einstein: I like to think that someone will trace how the deepest thinking of India made its way to Greece and from there to the philosophy of our times