

SQUARING THE CIRCLE.

(Milwaukee Feb. 1929)
(L.A. Aug. and 12/8/29)

- I. Meaning in the mathematical sense.
 - A. All measurement of plane surfaces consists in reducing to squares or rectangles.
 - B. This can be done with theoretical accuracy in the case of all figures bounded by straight lines.
 - C. In the case of circles or closed curves this consists in approximate evaluation thru the reducing the circle to an inscribed polygon of n sides.
 1. As n is increased the value of the area is more and more closely approximated.
 2. Never can be actually reached by any finite value of n .
 - DD The information so derived is formulated as a ratio between diameter and circum. of the circle, called Pi equal 3.14159--
 1. The value of Pi has been worked out to some 700 dec. places, but can never be exactly evaluated.
 2. a. In other words, it is an incommensurable relationship.
- II. Metaphysical significance of the squaring of the Circle.
 - A. General principle of symbolism is that the Universe is reproduced in every one of its parts.
 1. Hence every object in addition to meaning itself as a part also points beyond itself.
 - B. Of all symbolical forms the mathematical carries consciousness the furthest as it is the most freed from the limitations of sense.
 - C. Meaning of the Circle.
 1. Symbol of the Unknown, "Boundless Space", the "Incognizable Deity".
 2. This is the first fundamental of the Gupta Vidya..
 - a. Omnipresent, Eternal, Boundless and Immutable Principle beyond cognition.
 - b. Symbolized by circle with center everywhere hence Omnipresent.
 - c. Eternal as circle ever returns into itself.
 - d. Boundless. There are no bounding limits to the circumference of a circle.
 - e. Immutable. This is implied in isotropic character of circle or sphere.
 - f. This description is essentially negative and does not represent positive knowledge of THAT.
 3. THAT is the root of all but ever remains incognizable..
 - D. Meaning of the Square.
 1. Symbolizes manifested Being.
 2. It is that which is capable of cognitive representation.
 - a. This is implied by the fact that the square or rectangle is basis of plane-area measurement.
 - E. Squaring the Circle would be a process of drawing within the limits of cognition, Absolute Being.
 1. The incommensurable character of Pi represents the impossibility of this achievement.
 - a. That which is the root of both the cognizer and the cognized can never be drawn within the limits of a cognition.
 2. The fact that the value of Pi can be approached indefinitely implies no arbitrary line beyond which cognition cannot pass.
 - a. Research into the Archana of Nature may proceed indefinitely.

III. Our relationship in respect to the Circle or THAT.

- A. It is unknowable, but yet we are THAT.
 - 1. An identity is not a relationship.
 - 2. This is not a state expressable by any transitive verb.
 - a. It is pure apperception as nearly as we can give name.
- B. It is an error to think that we reach to ~~that~~ THAT by growth or expansion.
 - 1. Relative to objective consciousness it is a step of transcendence.

IV. The function of Yoga discipline is to remove the veil of ignorance so we may realize ourselves as THAT.

OM TAT SAT

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