

Unified Principles of Nature: Rhind Papyrus Problem No 48 Squaring a circle in 4-d Spacetime

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Abstract

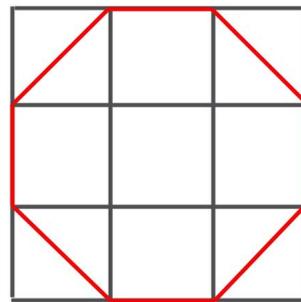
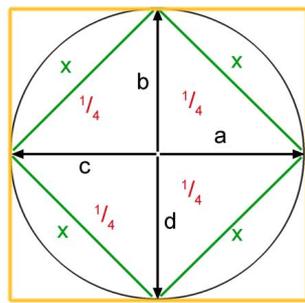
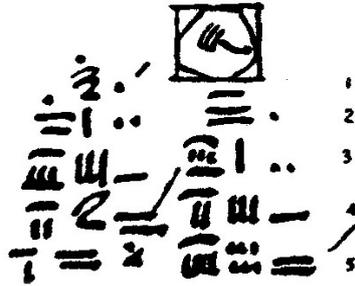
The ToE Framework that unites quantum theory with gravitation „Solution to the Problem of Time“ [1] is based on the Solution of the Black-Hole Information Paradox, namely the squaring of a circle (π) in space-time. It is well known how to “square” a circle over an additional dimension, as shown in „Solution to the Problem of Time“ II +III [2]. In addition to the Essay “It takes a Decision to Decide if Decidability is True or False” [3] (concerning Gödel’s incompleteness and impossibility of Hilbert’s Programm) it is shown here the Solution to the Problem No. 48 in the Rhind-Papyrus.

Keywords: Pi, God, Unified Principle, Gödel’s Incompleteness, Foundation of Mathematics, TOE.

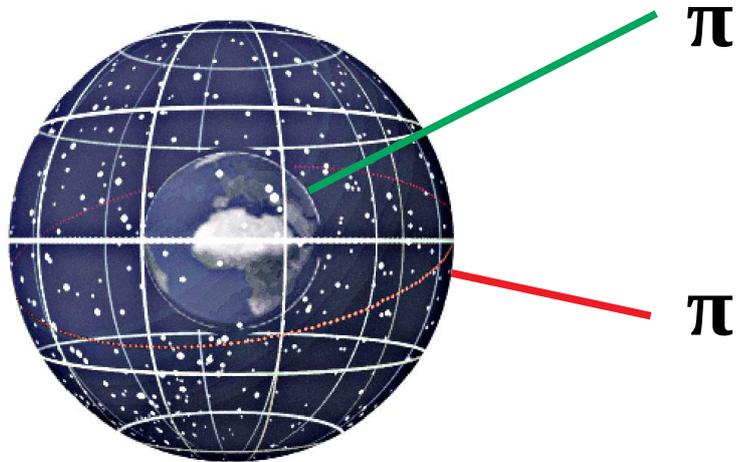
$$\pi / \pi := 1$$

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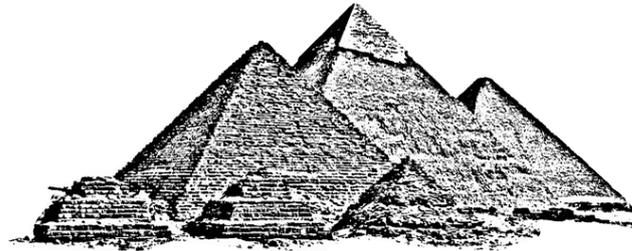
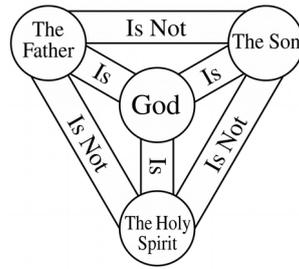
Problem No. 48 :



$$\left(\frac{1}{3}\right)^4 \cdot \left(\frac{4}{1}\right)^3 = 64/81$$



$$\pi / \pi := 1$$



References

1. Pohl M U E 2019, Unified Principles of Nature: Solution to the Problem of Time. Scientific GOD Journal Volume 10 Issue 3 :<https://scigod.com/index.php/sgj/issue/view/93>
2. Pohl M U E 2019, Unified Principles of Nature: Solution to the Problem of Time. Scientific GOD Journal Volume 11 Issue 1 : (pending)
3. Pohl M U E 2020, It takes a Decision to Decide if Decidability is True or False : Turning a discarded (“Descartes”) Coordinate-System into a new (“Newton”) Coordinate-System : FXQi Essay Contest : <https://fqxi.org/community/forum/topic/3367>