

Cocktail formula for Squaring Pi.

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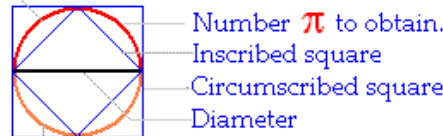
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Introduction:

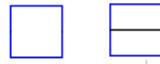
The π cocktail formula



Circumference unit, radius 1.



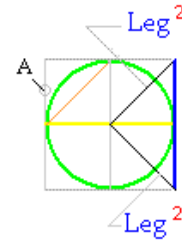
Basic Elements



$$\pi^{34} = 8 \times 10^{16} = 3,1415914441419926521824884125531.....$$

Application of the Pythagorean Theorem

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Applied powers

for obtaining each one of the 4 sides of the square.
4 powers for each side,
total $4 \times 4 = 16$ powers.

The way to obtain the Squaring Pi consist of formulas of composition and integration of several closely interdependent parameters, geometric figures and theorems (Pythagoras), from which, we can extract any of these parameters in function of the other ones.

All these parameter and figures are related among them due to all they are at the same time parameters of composition of the other ones.

For example, the side of the circumscribed square to the circumference is at the same time the diameter of this circumference.

On the other hand, we introduce here the Pythagorean Theorem due to with it we can obtain, by mean of powers, any side of the circumscribed square (A) in relation with the radii of inscribed and circumscribed circumferences to that square (A).

That is, we can introduce here the use of powers in the formulas of composition.

Then with all these composition of parameters finally it is obtained formulas that allow us to obtain the Squaring Pi.

To more information, see the web on the squaring Pi.

http://fermancebo.com/pi_direct_formula.html