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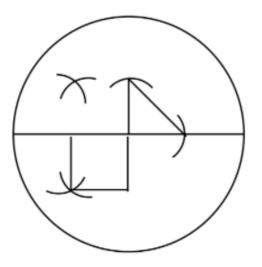
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ESRT **INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH** TECHNOLOGY THE EASIEST AND THE SIMPLEST METHOD TO DERIVE TRUE π OF EXACT VALUE

R. Sarva Jagannadha Reddy

DOI: Will get Assigned by IJESRT Team



Draw a circle

Diameter= d, Radius=
$$\frac{d}{2}$$

Bisect radius, then $\frac{d}{4}$.
Draw a Square and draw a Triangle
Square side= $\frac{d}{4}$, Triangle side= $\frac{d}{4}$
Perimeter of Square = $4 \times \frac{d}{4} = d$

Perimeter of Triangle = $\frac{d}{4} + \frac{d}{4} + \frac{\sqrt{2}d}{4}$

Perimeter of Circle = πd ?

The 22 Year and 24 hour a day study has helped to discover the following equation as the 700th method in the study of TRUE π . (For more details and all methods refer **ResearchGate of Sarva Jagannadha Reddy**)

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Perimeter of Square+Perimeter of Triangle+Perimeter of Circle=5 Diameters

$$d + \left(\frac{d}{4} + \frac{d}{4} + \frac{\sqrt{2}d}{4}\right) + \pi d = 5d$$

Then $\pi = \frac{14 - \sqrt{2}}{4} = 3.146446609$

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