

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

**D064**

'The laws of nature are but the mathematical thoughts of God.'  
Euclid



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We are not mathematicians, but we love mathematics and create formulas ourselves.

'No other science boosts the faith in the strength of the human spirit like mathematics.'  
Hugo Steinhaus

$$\prod_{k=1}^{k=\infty} \left[ 1 + \frac{\arctan\left(\frac{1}{k^2 + k + 1}\right)}{\arctan\left(\frac{k-1}{k+1}\right) - 1} \right] = \frac{4 - \pi}{4} \quad k \in \mathbb{N}$$

**NEW MATHEMATICAL FORMULA DAILY**