

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D054

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

www.and-just-math.com

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

$k \in \mathbb{N}$

$$\sum_{k=1}^{k=\infty} \frac{3^k \times \sin^3\left(\frac{\pi}{3^{k+1}}\right) \times (k+5)^2 + \left[\pi - 3^{k+1} \times \sin\left(\frac{1}{3^{k+1}}\right)\right] \times (k+4)}{(k+3)^2 \times (k+4)^2 \times (k+5)^2} = \frac{2 \times \pi - 3 \times \sqrt{3}}{3200}$$

NEW MATHEMATICAL FORMULA DAILY