

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D434

'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

$k \in \mathbb{N}$

$$\sum_{k=1}^{k=\infty} \frac{1600 \times k^4 - 2880 \times k^3 + 2076 \times k^2 - 88 \times k + 15}{(4 \times k - 3) \times (10 \times k - 9) \times (10 \times k + 1) \times (16 \times k^2 - 1) \times [16 \times (k + 1)^2 - 1]} = \frac{\pi - 2}{16}$$

NEW MATHEMATICAL FORMULA DAILY