

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D157

'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

$$\sum_{k=1}^{k=\infty} \frac{(2 \times k + 1)^2 \times (p_k^2 + 1) \times p_{k+1}^2 - (2 \times k - 1)^2 \times p_k^2}{(4 \times k^2 - 1)^2 \times p_k^2 \times p_{k+1}^2} = \frac{\pi^2 + 2}{8}$$

$k \in \mathbb{N}$

p_k (k -th prime number)

NEW MATHEMATICAL FORMULA DAILY