

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D147

'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

$k \in N$

$$\sum_{k=1}^{k=\infty} k \times \frac{[p_{k+1}^{k+1} \times (p_k^k + p_{k+2}^{k+2}) - 2 \times p_k^k \times p_{k+2}^{k+2} + 2 \times p_{k+1}^{k+1} - p_k^k - p_{k+2}^{k+2}]}{(p_k^k + 1) \times (p_{k+1}^{k+1} + 1) \times (p_{k+2}^{k+2} + 1)} = \frac{1}{3}$$

p_k (k -th prime number)

NEW MATHEMATICAL FORMULA DAILY