

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

**D053**

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



[www.and-just-math.com](http://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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{(p_{k+1} - p_k) \times [p_k \times p_{k+1} + p_k^2 + p_{k+1}^2 + 4 \times (p_k + p_{k+1}) + 3]}{p_k \times (p_k + 1) \times (p_k + 3) \times p_{k+1} \times (p_{k+1} + 1) \times (p_{k+1} + 3)} = \frac{1}{30}$$

$p_k$  ( $k$ -th prime number)

**NEW MATHEMATICAL FORMULA DAILY**