

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D494

'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

$k \in \mathbb{N}$

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

p_k (k -th prime number)

NEW MATHEMATICAL FORMULA DAILY