

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D121

'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

$k \in \mathbb{N}$

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

p_k (*k-th prime number*)

NEW MATHEMATICAL FORMULA DAILY