

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D167

'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

$k \in N$

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

p_k (k -th prime number)

NEW MATHEMATICAL FORMULA DAILY