

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D056

'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

$k \in \mathbb{N}$

$$\sum_{k=1}^{k=\infty} \frac{[p_k^2 \times \ln(p_{k+1}) - p_{k+1} \times p_{k+2} \times \ln(p_k)] \times k + [p_k \times \ln(p_{k+1}) + p_{k+1} \times (p_{k+2} - p_k)] \times p_k}{p_k^2 \times p_{k+1}^2 \times p_{k+2}} = \frac{2 - \ln(2)}{12}$$

p_k (k -th prime number)

NEW MATHEMATICAL FORMULA DAILY