

In memory of Justynka, my wife

FORMULAS

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



FORMULA No.

D091

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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

$k \in N$

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

p_k (k -th prime number)

NEW MATHEMATICAL FORMULA DAILY