

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D445

'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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{[(k-2) \times (k+4) \times (p_k^2 + 1) \times p_{k+1}^2 - 5 \times (k-1) \times p_k^2] \times 5^{k-2}}{p_k^2 \times p_{k+1}^2 \times (k+4)!} = \frac{1}{32}$$

p_k (k -th prime number)

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