

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D505

'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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{(k+1) \times [p_{k+1} \times p_{k+2} - 2 \times p_{k+1} \times p_{k+3} + p_{k+2} \times p_{k+3} + 3 \times (2 \times p_{k+2} - p_{k+1} - p_{k+3})]}{(p_{k+1} + 3) \times (p_{k+2} + 3) \times (p_{k+3} + 3)} = \frac{5}{24}$$

p_k (k -th prime number)

NEW MATHEMATICAL FORMULA DAILY