

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D497

'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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{2 \times (p_k + 1) \times p_{k+1} \times (k + 2) \times (2 \times k + 1) - p_k \times (2 \times k + 3)}{p_k \times p_{k+1} \times 2^{k+2} \times (k + 2)!} = \frac{11}{16}$$

p_k (k -th prime number)

NEW MATHEMATICAL FORMULA DAILY