

*In memory of Justynka, my wife*

# FORMULAS

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

FORMULA No.

D133

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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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{(p_{k+1} - p_k) \times [2 \times p_k \times p_{k+1} + 2 \times (p_k^2 + p_{k+1}^2) + 5 \times (p_k + p_{k+1}) + 3]}{p_k \times (p_k + 1) \times (2 \times p_k + 3) \times p_{k+1} \times (p_{k+1} + 1) \times (2 \times p_{k+1} + 3)} = \frac{1}{42}$$

$p_k$  ( $k$ -th prime number)

NEW MATHEMATICAL FORMULA DAILY