

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

**D247**

'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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{2 \times p_k^2 \times (p_{k+2}^2 - p_{k+1}^2) + p_k^2 + p_{k+1}^2 - 2 \times p_{k+2}^2}{(2 \times p_k^2 - 1) \times (2 \times p_{k+1}^2 - 1) \times (2 \times p_{k+2}^2 - 1)} = \frac{3}{119}$$

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

**NEW MATHEMATICAL FORMULA DAILY**