

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

**D135**

'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

$k \in N$

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

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

**NEW MATHEMATICAL FORMULA DAILY**