

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

**D267**

'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

$k \in \mathbb{N}$

$$\sum_{k=1}^{k=\infty} \frac{(k+2) \times (k+4) \times p_{k+4} \times p_{k+6} - (k+3) \times p_{k+3} \times p_{k+5}}{p_{k+3} \times p_{k+4} \times p_{k+5} \times p_{k+6} \times (k+4)!} = \frac{1}{728}$$

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

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