

*In memory of Justynka, my wife*



# FORMULAS

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



FORMULA No.

**D252**

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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

$k \in \mathbb{N}$

$$\sum_{k=1}^{k=\infty} \frac{(k+2) \times (p_{k+2}^2 \times p_{k+3} - p_{k+1}^3) + p_{k+2}^2 \times p_{k+3}}{(k+2) \times (k+3) \times p_{k+1}^3 \times p_{k+2}^3 \times p_{k+3}} = \frac{1}{405}$$

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

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