

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

D162

'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

$k \in \mathbb{N}$

$$\sum_{k=1}^{k=\infty} \frac{(k+1) \times (k+3)^2 \times (7 \times p_k \times p_{k+1} + 1) \times p_{k+2} - k \times (k+2)^2 \times (p_{k+1} \times p_{k+2} + 1) \times p_k}{k \times (k+1) \times (k+2)^2 \times (k+3)^2 \times p_k \times p_{k+1} \times p_{k+2}} = \frac{331 - 27 \times \pi^2}{54}$$

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

NEW MATHEMATICAL FORMULA DAILY