

*In memory of Justynka, my wife*

# FORMULAS

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



FORMULA No.

**D266**

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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

$k \in \mathbb{N}$

$$\sum_{k=1}^{k=\infty} \frac{(p_{k+1}^2 - p_k^2) \times (p_k^2 + 1) \times p_{k+1}^2 \times p_{k+2}^2 - (p_{k+2}^2 - p_{k+1}^2) \times p_k^4}{p_k^4 \times p_{k+1}^4 \times p_{k+2}^2} = \frac{41}{144}$$

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

**NEW MATHEMATICAL FORMULA DAILY**