

*In memory of Justynka, my wife*

# FORMULAS

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

.....

FORMULA No.

**D194**

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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

$k \in \mathbb{N}$

$$\sum_{k=1}^{k=\infty} \frac{2 \times p_k \times p_{k+1} - (k+1) \times p_{k+1} + (k+2) \times p_k}{(k+1) \times (k+2) \times (2 \times p_k + 1) \times (2 \times p_{k+1} + 1)} = \frac{1}{5}$$

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

**NEW MATHEMATICAL FORMULA DAILY**