

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

**D455**

'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

$$\sum_{k=1}^{k=\infty} \frac{(k+3) \times (p_k! - 1) \times p_{k+1}! - p_{k+1}! + p_k!}{(k+4)! \times p_k! \times p_{k+1}!} = \frac{1}{48} \quad k \in \mathbb{N}$$

*p<sub>k</sub> (k-th prime number)*

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