

In memory of Justynka, my wife



FORMULAS

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



FORMULA No.

D153

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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

$k \in \mathbb{N}$

$$\sum_{k=1}^{k=\infty} \frac{p_{k+1} \times (2^{p_k} - 1) \times 2^{p_{k+1}-p_k} \times k + (p_{k+1} - p_k) \times 2^{p_{k+1}} - p_{k+1} \times 2^{p_{k+1}-p_k} + p_k}{p_k \times p_{k+1} \times 2^{p_{k+1}} \times (k+1)!} = \frac{3}{8}$$

p_k (k -th prime number)

NEW MATHEMATICAL FORMULA DAILY