

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D153

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

www.and-just-math.com

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

$$\prod_{k=1}^{k=\infty} \frac{(k+1)^{p_k} \times [(k+2)^{p_{k+1}} + 2 \times p_{k+1}^{k+1}]}{(k+2)^{p_{k+1}} \times [(k+1)^{p_k} + 2 \times p_k^k]} = \frac{1}{2} \quad k \in \mathbb{N}$$

p_k (k -th prime number)

NEW MATHEMATICAL FORMULA DAILY