

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D073

'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

$k \in \mathbb{N}$

$$\prod_{k=1}^{k=\infty} \left\{ 1 + \frac{[(k+2)! - 2 \times (k+1)] \times (p_k \times p_{k+2} - p_{k+1}^2) + 2 \times (k^2 + k - 1) \times p_{k+1}^2}{(k+2) \times \{[(k+1)! - 2 \times k] \times p_{k+1} - 2 \times (k+1)! \times p_k\} \times p_{k+1}} \right\} = \frac{1}{2}$$

p_k (k -th prime number)

NEW MATHEMATICAL FORMULA DAILY