

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D183

'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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{4 \times (k^2 + 5 \times k + 5) \times p_{k+1}^3 \times p_{k+2}^3 + (k+2)^2 \times [(k+1)^2 \times p_{k+2}^3 - k^2 \times p_{k+1}^3]}{k^2 \times (k+1)^2 \times (k+2)^2 \times p_{k+1}^3 \times p_{k+2}^3} = \frac{144 \times \pi^2 - 1265}{108}$$

p_k (k -th prime number)

NEW MATHEMATICAL FORMULA DAILY