

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D312

'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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{(8 \times k^5 + 28 \times k^4 + 66 \times k^3 + 89 \times k^2 + 55 \times k + 12) \times (2 \times k)!}{(k+1)^2 \times (2 \times k - 1) \times (2 \times k + 1)^2 \times (2 \times k + 3) \times k!^2 \times 2^{4 \times k + 2}} = \frac{\pi - 3}{3}$$

NEW MATHEMATICAL FORMULA DAILY