

In memory of Justynka, my wife

FORMULAS

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

FORMULA No.

D354

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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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{(36 \times k^5 + 96 \times k^4 + 181 \times k^3 + 226 \times k^2 + 130 \times k + 24) \times (2 \times k)!}{(k+1)^2 \times (2 \times k + 1) \times (2 \times k + 3) \times (3 \times k - 2) \times (3 \times k + 1) \times k!^2 \times 2^{4 \times k + 3}} = \frac{\pi - 3}{3}$$

NEW MATHEMATICAL FORMULA DAILY