

*In memory of Justynka, my wife*

# FORMULAS

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

FORMULA No.

**D402**

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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

$$\sum_{k=1}^{k=\infty} \frac{36 \times k^4 + 192 \times k^3 + 529 \times k^2 + 541 \times k + 121}{(3 \times k + 8) \times (3 \times k + 11) \times (4 \times k^2 - 1)^2} = \frac{\pi^2}{8} \quad k \in \mathbb{N}$$

**NEW MATHEMATICAL FORMULA DAILY**