

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

**D462**

'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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{4 \times k^4 + 28 \times k^3 + 91 \times k^2 + 180 \times k + 144}{(k+2) \times (k+3)^2 \times (k+4)^2 \times (2 \times k+1) \times (2 \times k+3)} = \frac{61 - 6 \times \pi^2}{36}$$

**NEW MATHEMATICAL FORMULA DAILY**