*In memory of Justynka, my wife*

# FORMULAS

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

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**FORMULA No.**

# D302

'No other science boosts the faith in the strength of the human spirit like mathematics.'
Hugo Steinhaus

$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{4 \times k^5 + 32 \times k^4 + 141 \times k^3 + 452 \times k^2 + 832 \times k + 576}{(2 \times k + 1) \times (2 \times k + 3) \times (k + 2)^3 \times (k + 3)^3 \times (k + 4)^3} = \frac{533 - 54 \times \pi^2}{54}$$

# NEW MATHEMATICAL FORMULA DAILY