

*In memory of Justynka, my wife*

# FORMULAS

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

FORMULA No.

**D404**

[www.and-just-math.com](http://www.and-just-math.com)

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

$$\sum_{k=1}^{k=\infty} \frac{12 \times k^4 + 48 \times k^3 + 51 \times k^2 - 7}{(k+1)^2 \times (k+2)^2 \times (4 \times k^2 - 1)} = \frac{2 \times \pi^2 - 11}{4} \quad k \in \mathbb{N}$$

**NEW MATHEMATICAL FORMULA DAILY**