

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

**D497**

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



[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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{18 \times k^4 + 66 \times k^3 + 53 \times k^2 - 23 \times k - 10}{(k+1)^2 \times (k+2)^2 \times (3 \times k - 2) \times (3 \times k + 1)} = \frac{4 \times \pi^2 - 21}{12}$$

**NEW MATHEMATICAL FORMULA DAILY**