

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D097

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

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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{49 \times k^5 + 287 \times k^4 + 681 \times k^3 + 1172 \times k^2 + 1552 \times k + 576}{(7 \times k - 4) \times (7 \times k + 3) \times (k + 2)^3 \times (k + 3)^3 \times (k + 4)^3} = \frac{533 - 54 \times \pi^2}{54}$$

NEW MATHEMATICAL FORMULA DAILY