BECOME A MEMBER

ON STEADY

The Bright Side of
Mathematics

Day 05

Advent of Mathematical Symbols

Gamma function: $\Gamma(z) := \int_0^\infty x^{z-1} \cdot e^{-x} \, dx \quad , \; \mathrm{Re}(z) > 0$

Property: $\Gamma(n) = (n-1)! \quad , \quad \Gamma(z+1) = z \cdot \Gamma(z)$

for $n \in \mathbb{N}$