0.1 The Euler-Mascheroni constant

The Euler-Mascheroni constant is a mathematical constant that first appeared in Euler's writings in 1735. It is usually denoted γ, first appearing thus by Mascheroni in 1790 [1]. Formally, it is defined as follows.

$$\gamma = \lim_{n \to \infty} \left(-\ln n + \sum_{k=0}^{n} \frac{1}{k} \right) \tag{1}$$

Bibliography

[1] Weisstein, Eric W. "Euler-Mascheroni Constant." From MathWorld–
A Wolfram Web Resource. http://mathworld.wolfram.com/Euler-MascheroniConstant.html Referenced: 22-02-2019