

Googolplex Written Out

Wolfgang H. Nitsche

A large, stylized spiral graphic composed of the number '9'. The spiral starts from the center and winds outwards in a clockwise direction. At the top left of the spiral, the word 'volume' is written in a bold, black, sans-serif font. In the center of the spiral, the number '10' is written, also in a bold, black, sans-serif font, but rotated 90 degrees counter-clockwise so that its top points towards the upper right. The entire graphic is set against a plain white background.

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volume

Foreword

In 1940, the mathematician Edward Kasner published the book "Mathematics and the Imagination", in which he popularized the words googol and googolplex which his nephew suggested as names for big numbers.

The number googol has been defined as 1 followed by a hundred zeros:

[illegible]

The much larger number googolplex has been defined as 1 followed by a googol zeros. While this number can easily be written as

$$\text{googolplex} = 10^{\text{googol}} = 10^{(10^{100})}$$

using the exponential notation, it has often been claimed that the number googolplex is so large that it can never be written out in full.

[illegible]

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www.GoogolplexWrittenOut.com

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