

Googolplex Written Out

Wolfgang H. Nitsche

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A large, stylized number 437 is formed by a spiral of small, rounded, pill-shaped characters. The spiral starts from the center and moves outwards, creating a sense of depth and movement. The characters are black and white, with the number 437 being the most prominent. At the top of the image, the text "volume 1000000" is written in a simple, sans-serif font.

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.

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www.GoogolplexWrittenOut.com

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