

Googolplex Written Out

Wolfgang H. Nitsche

A large, stylized graphic featuring a spiral of binary digits (0s and 1s) that forms a circular shape. The digits are arranged in a way that creates a sense of depth and rotation. At the top of the spiral, the text "volume 1000" is written in a bold, sans-serif font. In the center of the spiral, the numbers "15", "0", and "5" are arranged vertically, with "15" at the top, "0" in the middle, and "5" at the bottom. The entire graphic is set against a black background.

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A large spiral composed of the digit '0' starts from the center and expands outwards. In the center of the spiral, the numbers '5', '15', and '0' are arranged vertically. At the top left of the image, the text 'volume 10000' is written in a bold, black, 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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