

Googolplex Written Out

Wolfgang H. Nitsche

The image features a large, stylized spiral graphic. The spiral is formed by a continuous sequence of the digits '9' and '6'. It begins near the center of the frame and winds outward in a clockwise direction, creating a sense of depth and movement. The digits are black and have a slightly irregular, hand-drawn appearance. At the top left of the image, the word "volume" is written in a bold, black, sans-serif font. The overall composition is minimalist, focusing on the interplay of the repeating digits and the linear text.

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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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