

Googolplex Written Out

Wolfgang H. Nitsche

A graphic featuring a spiral composed of the digits 9 and 6. The spiral starts at the top left with the word 'volume' and winds inward, with the digits 9 and 6 alternating to form the spiral's structure. The digits are arranged in a way that they follow the curve of the spiral, creating a sense of depth and movement. The overall design is minimalist and modern, using a monochromatic black and white color scheme.

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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.

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www.GoogolplexWrittenOut.com

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