

Googolplex Written Out

Wolfgang H. Nitsche

A graphic featuring a spiral pattern of digits. The spiral starts with the word 'volume' in a bold, black, sans-serif font at the top left. The digits 9, 6, 4, and 1 are arranged in a clockwise spiral, with '9' and '6' forming the outer rings and '4' and '1' forming the inner rings. The digits are in a bold, black, sans-serif font, matching the 'volume' text. The spiral is centered on the page.

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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.

[illegible]

Wolfgang H. Nitsche

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www.GoogolplexWrittenOut.com

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