

Googolplex Written Out

Wolfgang H. Nitsche

A large, thick black spiral composed of the digit '0' starts from the center and expands outwards in a clockwise direction. The spiral is composed of many concentric rings of the digit. At the top left of the spiral, the text 'volume 10000' is written in a bold, black, sans-serif font. In the center of the spiral, the numbers '5643' are stacked vertically, also in a bold, black, sans-serif font.

1.0.1

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A stylized graphic of a vinyl record. The text "volume 1000" is written in a bold, black, sans-serif font at the top. The center of the record features the numbers "4321" in a large, bold, black, sans-serif font, arranged in a circular pattern. The record itself is represented by a series of concentric, slightly wavy lines, suggesting the grooves of a vinyl record. The overall design is minimalist and modern.

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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Wolfgang H. Nitsche
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www.GoogolplexWrittenOut.com

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