

Googolplex Written Out

Wolfgang H. Nitsche

[illegible]

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Googolplex Written Out

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A large, stylized graphic of a vinyl record. The text "volume 1000" is written in a bold, black, sans-serif font at the top left of the record. The record itself is a thick, black, circular shape with a slightly irregular, hand-drawn appearance. The center of the record is a smaller, solid black circle. The overall image is a high-contrast, black-and-white graphic.

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:

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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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