

Googolplex Written Out

Wolfgang H. Nitsche

A large, stylized graphic of a vinyl record. The text "volume 1000" is written in a bold, black, sans-serif font at the top. In the center of the record, the number "383" is written in a similar font. The record itself is represented by a series of concentric, slightly irregular black lines forming a circular shape, with a small black dot in the center representing the hole. The overall style is minimalist and modern.

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A large, stylized volume knob graphic. The knob is represented by a circular track with a series of small rectangular notches. The text 'volume 1000000' is written along the top arc of the knob, and the number '383' is written in the center of the knob, indicating a specific volume level.

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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