

Googolplex Written Out

Wolfgang H. Nitsche

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Wolfgang H. Nitsche

Stanford University

A circular progress indicator with a volume icon and the text "volume 100000000000000". The circle is composed of 14 segments, each containing a small square icon. The text "volume 100000000000000" is written in a bold, sans-serif font, with the "100000000000000" part being significantly larger and more prominent than the word "volume". The entire graphic is set against a black background.

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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