

Googolplex Written Out

Wolfgang H. Nitsche

A circular progress indicator with a volume icon and a percentage value. The volume icon is a speaker with sound waves, located at the top left of the circle. The percentage value '100%' is displayed at the top right of the circle. The progress bar is a thick black line forming a circle, with a small gap at the top left where the volume icon is located. The text 'volume' is written in a bold, sans-serif font at the top left, and '100%' is written in a bold, sans-serif font at the top right.

1.0.1

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[illegible]

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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