

Googolplex Written Out

Wolfgang H. Nitsche

A circular progress indicator consisting of a ring made of small rectangular segments. The top-left portion of the ring is filled with solid black, representing the completed volume. The number "19583" is written in a large, bold, black font across the middle of the circle, indicating the current value. Above the circle, the text "volume 100000" is displayed in a bold, black, monospaced font, where "100000" represents the total capacity.

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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