

Googolplex Written Out

Wolfgang H. Nitsche

A circular progress indicator consisting of a ring of small squares. The top-left portion of the ring is filled with solid black squares, while the rest are white squares with black outlines. The number "17265" is written in a large, bold, black monospace font across the upper-left quadrant of the circle. Above the circle, the word "volume" is followed by a series of zeros, indicating a volume level.

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Wolfgang H. Nitsche

Stanford University

[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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