

Googolplex Written Out

Wolfgang H. Nitsche

A large, stylized number 80142 composed of many small, rounded, pill-shaped segments, resembling a spiral or a large letter '8'. The segments are arranged in a circular pattern, with the number 80142 appearing in the center. The overall shape is a large, rounded '8' or a spiral. The segments are black with a white outline, giving them a pill-like appearance. The number 80142 is written in a bold, sans-serif font in the center of the spiral.

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Googolplex Written Out

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A large, stylized number 80142 composed of many small, rounded, pill-shaped segments, resembling a spiral or a large letter 'G'. The segments are arranged in a circular pattern, with the number 80142 written in the center. The text 'volume 1000' is written in a bold, sans-serif font at the top left of the image.

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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