

Googolplex Written Out

Wolfgang H. Nitsche

A large, stylized number 45 composed of many small, rounded, pill-shaped segments, resembling a spiral or a large '45'. The segments are arranged in a circular pattern, with the number 45 appearing in the center. The overall shape is roughly circular, with the segments forming a thick border around the central number. The segments are white with a black outline, and they are arranged in a way that creates a sense of depth and rotation. The number 45 is also composed of these segments, but it is more solid and less fragmented than the outer ring. The background is black, making the white segments stand out.

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Stanford University

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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