

Googolplex Written Out

Wolfgang H. Nitsche

A circular graphic composed of the number 9s and 6s, with the word 'volume' and the number '9999999999999999' at the top. The numbers are arranged in a circular pattern, with 9s forming the outer ring and 6s forming the inner ring. The word 'volume' is written in a bold, black, sans-serif font at the top left, and the number '9999999999999999' is written in a bold, black, sans-serif font at the top right. The entire graphic is set against a white background.

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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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