

Googolplex Written Out

Wolfgang H. Nitsche

The image features a large circle formed by two concentric rings of black digits. The outer ring consists entirely of the number '9'. The inner ring also primarily consists of '9's, but includes a small segment of different digits—'7', '8', '5', and '4'—positioned at approximately the 10 o'clock location. Above the top-left portion of the circles, the word "volume" is written in a bold, black, sans-serif font.

1.0.1

Googolplex Written Out

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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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