

Googolplex Written Out

Wolfgang H. Nitsche

[illegible]

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Googolplex Written Out

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The image shows the word "volume" in a bold, black, sans-serif font at the top left. To its right is a very long string of zeros. The first few zeros are written horizontally, but as the sequence continues, they curve downwards and around to form a large circle. Each zero is stylized with a small white dot in its center, giving it a pill-like appearance. The overall effect is one of a continuous, looping digital or binary stream.

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:

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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.

However in this "Googolplex Written Out" multivolume set of books, I am doing just that. It consists of 10000000000000000000000000000
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00000 volumes, and each volume contains 1000000 zeros of the number googolplex. The first volume also contains the initial digit one with which googolplex starts.

Wolfgang H. Nitsche
August 2013
www.GoogolplexWrittenOut.com

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