

Googolplex Written Out

Wolfgang H. Nitsche

A large, stylized graphic featuring a spiral of binary digits (0s and 1s) that forms a circular shape. The digits are arranged in a way that creates a sense of depth and rotation. At the top of the spiral, the text "volume 1000" is written in a bold, sans-serif font. In the center of the spiral, the number "1263" is displayed, with a small "3" positioned below it. The overall design is minimalist and modern, using only black and white.

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A large spiral graphic composed of the number '0' characters, arranged in concentric rings. The text 'volume 10000' is at the top, and '1263' is in the center.

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.

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
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www.GoogolplexWrittenOut.com

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