

Googolplex Written Out

Wolfgang H. Nitsche

A circular graphic composed of the characters '9' and '6' arranged in a spiral pattern. The word 'volume' is written in a bold, black, sans-serif font at the top left of the image. The spiral starts with '9's and transitions into '6's as it moves clockwise. The number '41' is written in a bold, black, sans-serif font, rotated 90 degrees counter-clockwise, and positioned in the center of the spiral.

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Wolfgang H. Nitsche

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:

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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
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www.GoogolplexWrittenOut.com

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