

Googolplex Written Out

Wolfgang H. Nitsche

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Stanford University

A large circle composed of black digits. The word "volume" is written at the top left, followed by a series of "9"s along the upper arc. The lower arc consists of a series of "6"s. On the left side, the number "92269" is written vertically, following the curve of the circle.

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.

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Wolfgang H. Nitsche
August 2013
www.GoogolplexWrittenOut.com

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