

Googolplex Written Out

Wolfgang H. Nitsche

A large, stylized graphic of a vinyl record. The text "volume 1000" is written in a bold, black, sans-serif font at the top. In the center of the record, the number "06829" is written in a similar font, oriented vertically. The record itself is represented by a series of concentric circles of small, black, pill-shaped marks, creating a spiral effect. The entire graphic is set against a plain white background.

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Stanford University

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Foreword

In 1940, the mathematician Edward Kasner published the book "Mathematics and the Imagination", in which he popularized the words goog

The number googol has been defined as 1 followed by a hundred zeros:

googol = 10^{100} = 10000000000000000

The much larger number googolplex has been defined as 1 followed by a googol zeros. While this number can easily be written

$$\text{googolplex} = 10^{\text{googol}} = 10^{(10^{100})}$$

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

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www.GoogolplexWrittenOut.com

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