

# Googolplex Written Out

# Wolfgang H. Nitsche

volume 10000

987654321

### 1.0.1

# Googolplex Written Out

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A stylized graphic of a vinyl record. The text "volume 1000" is written in a bold, black, sans-serif font at the top. The number "954" is written in a bold, black, sans-serif font in the center of the record. The record itself is represented by a series of concentric circles of small, black, pill-shaped characters that form the grooves of the record. The overall design is minimalist and modern.

# 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  
000000000000000000000000000000000000000000000000000000000000  
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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