

Googolplex Written Out

Wolfgang H. Nitsche

volume 139079

1.0.1

Googolplex Written Out

Wolfgang H. Nitsche

Stanford University

volume 139079

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
00
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

--

--

--

[illegible]

page 15

page 17

page 19

page 20

--

--

--

--

--

--

--

--

--

--

[illegible]

--

--

--

--

--

--

--

[illegible]

--

[illegible]

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

page 228

--

--

--

--

--

--

--

--

page 259

--

--

--

--

--

[illegible]

--

--

--

--

--

--

--

--

[illegible]

[illegible]

--

page 321

--

page 329

--

--

--

[illegible]

--

--

page 358

--

--

--

--

--

--

--

--

--

--

(This page is intentionally left blank.)