

Googolplex Written Out

Wolfgang H. Nitsche

volume 100011871

1.0.1

Googolplex Written Out

Wolfgang H. Nitsche

Stanford University

volume 100011871

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]

--

--

--

--

--

[illegible]

--

page 25

--

--

--

--

--

--

[illegible]

[illegible]

--

--

--

--

[illegible]

--

--

--

--

--

[illegible]

[illegible]

--

--

--

--

page 111

--

--

page 117

page 118

[illegible]

page 127

--

page 134

--

--

--

--

--

page 144

--

--

--

--

--

--

--

--

--

--

--

page 171

--

--

--

--

--

--

--

--

--

--

--

--

page 248

--

--

--

--

--

--

--

--

--

--

--

--

--

--

page 280

[illegible]

--

--

--

--

--

--

page 303

--

--

[illegible]

--

--

[illegible]

--

--

--

--

--

--

--

--

page 346

--

--

--

--

[illegible]

--

page 357

--

[illegible]

[illegible]

--

page 371

--

--

--

--

--

--

page 385

--

--

--

--

--

--

page 402

[illegible][illegible]

(This page is intentionally left blank.)