Googolplex Written Out

Wolfgang H. Nitsche

volume 12453
Author: Nitsche, Wolfgang H.
Title: Googolplex Written Out
Date of publication: August 2013
Publisher: Nitsche
Place of publication: Stanford, California, U.S.A.
Web: http://www.GoogolplexWrittenOut.com
ISBN 978-0-9900072-0-3 (multivolume set of PDF e-books)
ISBN 978-0-9900072-1-0 (multivolume set of soft-cover books)
(These ISBNs refer to the entire multivolume set of books. No ISBNs have been assigned to all the individual volumes, since the total number of volumes exceeds the number of available ISBNs by many orders of magnitude.)
Googolplex
Written Out

Wolfgang H. Nitsche
Stanford University

volume 12453
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:
googol = 10 100 = 10000000000000000000000000000000000
00000000000000000000000000000000000000000000000000
0000000000000000.
The much larger number googolplex has been defined as 1 followed by
a googol zeros. While this number can easily be written as
100
googolplex = 10 googol = 10 (10 )
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 10000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000
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

Googolplex Written Out
volume 12453
of 10000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

page 4


continued in next volume
(This page is intentionally left blank.)