

# Googolplex Written Out

Wolfgang H. Nitsche

A large, stylized spiral composed of the digit '9'. The spiral starts at the top left and winds inward in a clockwise direction. The word 'volume' is written in a bold, black, sans-serif font at the top left, partially overlapping the beginning of the spiral. The spiral is made of many '9's, with some digits appearing more prominently than others due to the winding nature of the design.







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Wolfgang H. Nitsche

Stanford University



# 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  
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







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