

Googolplex Written Out

Wolfgang H. Nitsche

A graphic featuring a spiral pattern of the digits 9 and 6. The spiral begins at the top left with the word "volume" in a black, monospaced font, followed by the digit "9" repeated nine times. From this point, the digits 9 and 6 are arranged in a continuous, winding spiral that fills the majority of the frame. The spiral starts with a 9 and alternates between 9s and 6s as it winds inward, creating a complex, organic shape. The digits are black and set against a plain white background.

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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.

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www.GoogolplexWrittenOut.com

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