

Googolplex Written Out

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The image features three concentric rings composed of white binary digits (0s and 1s) on a solid black background. The outermost ring is the largest and contains the most digits. Inside it are two smaller rings, each also made of binary code. In the center of the composition, there is a small cluster of four numbers: '1' at the top, '2' to its right, '4' below '2', and '5' below '4'. These numbers are also in white. The overall effect is reminiscent of digital data or a stylized signal.

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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