

Googolplex Written Out

Wolfgang H. Nitsche

A diagram illustrating a spiral pattern. It consists of two concentric circles formed by small, tilted rectangular blocks. The outer circle is labeled "volume" at its top-left end, and the inner circle is labeled "1000" at its top-right end. Between the two circles, the number "6951" is written vertically, indicating a specific point or count along the spiral.

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A stylized graphic of a vinyl record. The text "volume 1000" is written in a bold, black, sans-serif font at the top. The text "1951" is written in a bold, black, sans-serif font in the center of the record. The record itself is represented by two concentric circles of small, black, pill-shaped indentations, with a black line representing the groove between them. The entire graphic is set against a white background.

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.

$\text{googol} = 10^{100}$

$$\text{googolplex} = 10^{\text{googol}} = 10^{(10^{100})}$$
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