

# Key Citations - The Universe As Infinite In Space - Many Worlds With Life

Post by “Kalosyni” of July 16, 2024 at 10:44 AM

This article seems relevant...from the introduction:

## Quote

- Thoughts of the infinite have mesmerized and confounded human beings through the millennia.
- The concept of infinity remains a controversial and paradoxical topic today, galvanizing international conferences and heated scholarly disputes.
- In his book *Probable Impossibilities: Musings on Beginnings and Endings*, Alan Lightman explores the history of the concept of infinity and how it's been contemplated by thinkers across various disciplines.

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### [Why the paradoxes of infinity still puzzle us today](#)

In his "Probable Impossibilities", Alan Lightman explores the history of infinity and how it's been contemplated by various thinkers.

bigthink.com

Excerpt from the article:

#### Quote

For astronomers, the question is whether outer space goes on and on and on and on ad infinitum. And if it does, as cosmologists now believe, unsettling consequences abound. For one, there should be an infinite number of copies of each of us somewhere out there in the cosmos. Because even a situation of minuscule probability—like the

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creation of a particular individual's exact arrangement of atoms—when multiplied by an infinite number of trials, repeats itself an infinite number of times. Infinity multiplied by any number (except 0) equals infinity.