

# Scope of Evolution

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## 1 Abstract

This text explores the scope of evolution by comparing two fractions derived from distinct computational methodologies. Fraction one,  $\frac{1}{187}$ , arises from the complex derivation of values using the Genesis Equation by ChatGPT. Fraction two,  $\frac{3}{217}$ , is based on a basic knowledge of our Solar System. The comparison reveals that the ratio  $\frac{3}{217}$  is greater than  $\frac{1}{187}$ . The discussion incorporates the Genesis Equation, values, and computations, highlighting the seemingly unrelated numbers' connection within the field of astrophysics. The text suggests a potential correlation between the probability of habitable entities in our solar system and the challenges of searching for exoplanets in other solar systems.

## 2 Keywords

Evolutionary Scope, Genesis Equation, Computational Methodologies, Solar System Entities, Habitability Probability, Exoplanet Search, Astrophysical Ratios, Fractional Comparison, ChatGPT Derivation, Abstract Astrophysics.

## 3 Introduction

The scope of evolution can be defined by the comparison of two fractions.

$$\frac{1}{187} \text{ and } \frac{3}{217}$$

The values for fraction one were computed using a complex derivation of the values of the Genesis Equation by ChatGPT which were then incorporated into the original equation.

e	2.718
f	1
imm	3
ce	0.5
cf	0.2
cp	1
mantle	100
ceta	2
hover	0.1
float	0.01
boundary_water	500
transitional_limit	0.5
water_boundary	1000
magmus_solar	50
is_solar_magmus_nebula_clear	1
flat_organism	10
neuro_lim_grth	0.8
mass	50
sweat_NxN	500
multi_man_substance	5
Settlement_Pong_to_Earth	3
Convergent_Point_NxNxNxN_coe	100

Table 1: Genesis Values

### Genesis Equation 1

$$\begin{aligned}
& e \rightarrow f \rightarrow imm \rightarrow ce \rightarrow cf \rightarrow cp \rightarrow mantle \rightarrow \\
& ceta \rightarrow ceta \rightarrow hover \rightarrow float \rightarrow boundary\_water \leftarrow transitional\_limit \rightarrow \\
& water - boundary magmus solar is solar \\
& magmus nebula is clear \Rightarrow flat - organism \rightarrow \\
& neuro(lim, grth) \rightarrow mass \rightarrow sweatNxN \rightarrow \\
& multi \rightarrow man \rightarrow substance \rightarrow Settlement \rightarrow \\
& Pong - to - Earth x - x \\
& Convergent - PointN \times N \times N \times Ncof.
\end{aligned}$$

The age of the Earth is roughly 4.54 billion years 4.54e9. The incorporation of the given values into the equation of Genesis given the pre-computation of the operators  $\rightarrow$ ,  $\leftarrow$ ,  $/$ , and  $*$  by ChatGPT spits out a value of 24220187.5 which is Twenty-Four Million Two Hundred Twenty Thousand One Hundred Eighty-Seven point Five.

So, the equation follows:

$$\frac{\text{Age of Earth}}{\text{Scope of Evolution}} = \frac{4.54e9}{24220187.5} = 187.44693863331983$$

The inverse of the computed result strikes a ratio of:

$$\frac{1}{187}$$

The values for fraction two were computed using a basic knowledge of our Solar System.

There are 8 planets, 5 dwarf planets, and 204 moons in our solar system. That is a total of 217 entities. Following that, there are a total of 3 habitable entities as far as pushing our current technology goes - Earth, the moon of Earth, and Mars. Naturally, the equation surmises.

$$\frac{\text{Number of Habitable Entities}}{\text{Total Number of Entities}} = \frac{3}{217}$$

Yet the most important calculation follows, that is the comparison of the two fractions:

To compare the two fractions  $\frac{1}{187}$  and  $\frac{3}{217}$ , we can find a common denominator and then compare the numerators:

1. Find a common denominator: - The common denominator for 187 and 217 is the product of the two numbers, which is 40579.

2. Convert the fractions to have the common denominator: -  $\frac{1}{187}$  becomes  $\frac{40579}{40579} \cdot \frac{1}{187} = \frac{40579}{187 \times 40579}$ . -  $\frac{3}{217}$  becomes  $\frac{40579}{40579} \cdot \frac{3}{217} = \frac{40579 \times 3}{187 \times 40579}$ .

Now, compare the numerators: -  $\frac{1}{187}$  has a numerator of 1. -  $\frac{3}{217}$  has a numerator of  $40579 \times 3$ .

Since  $40579 \times 3$  is greater than 1,  $\frac{3}{217}$  is greater than  $\frac{1}{187}$ .

Therefore,  $\frac{3}{217} > \frac{1}{187}$ .

These seemingly unrelated numbers have a strong connection within the scope of astrophysics as it is yet to entail that the probability of habitating our current solar system is much more viable than searching for exoplanets in other solar systems.

## 4 List of References

1. OpenAI. (2022). ChatGPT (Version GPT-3.5). OpenAI.