



## The Biophysical Modelling of the Creation

Janos Vincze, Gabriella Vincze-Tiszay

Corresponding Author: Janos Vincze, Gabriella Vincze-Tiszay

Health Human International  
Environment Foundation, Budapest,  
Hungary



### Abstract:

Euclid, who lived around 300 BC, elevated mathematics to a special status with his system of axioms; mathematics became a universal language, uninfluenced by external circumstances and human behaviour. The Euclidean contradiction was solved by János Bolyai (1802–1860): he transformed virtual Euclidean geometry into physical reality by reformulating parallelism. At the same time, he moved from the interpretation of the finite to the interpretation of the infinite, which became a key element in the scientific and theoretical models of creation, as well as in the formulation of the theory of relativity in physics and became the cornerstone of the development of astronomy. Creation goes beyond its narrow meaning, because it includes birth, life and death. There is no mercy in creation! Not from a religious or scientific point of view. Neither the scientific nor the religious understanding of creation excludes the concept of re-creation! The possibility of re-creation is a perfect parallel between the two approaches. According to both theories, we need to highlight the order. According to the Bible, human is the only species created by God in His own image.

**Keywords:** biophysical modelling, creation, parallelism

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### Introduction

Humanity's eminent thinkers decided, thousands of years ago, to try to answer for themselves the most fundamental questions facing humanity. In this case, starts from one's own world of thought, which is nothing other than the world of faith. [1] I believe this to be true. I believe I am. I believe I am doing the right thing. I believe that there is a higher power who will sort out my affairs in one way or another. [2] The importance of this is huge, because it takes the responsibility off your

shoulders. I was doing their will when I did something wrong. But I praise myself when I get something right. [3] Self-deception sets in, because you do not hold yourself responsible for your actions. This, human ambiguity, is not unconditionally accepted by deduction, because the superego sets a certain framework for human functioning, for example in the form of the Ten Commandments. So religion is the product of a deductive way of thinking, and it forces you to be a believer. It accepts multiple gods, and then the

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sovereignty of the one true God. So the Bible was written by people, based on the revelation of God.

### The important of geometry

In this paper, we will examine a single human concept: the concept of Creation, from the perspective of religion and science. So we are trying to draw a parallel between the creation of the biblical world and one of science's most accepted – the internationally most recognized – “universe creation” models, the Big Bang theory. The creation of the world is described in the Bible in 31 passages. [4] The number of sections does not affect the content, only the order. We will refrain from quoting this biblical text in detail.

Euclid, who lived around 300 BC, elevated mathematics to a special status with his system of axioms. Mathematics has become a universal language, unaffected by external circumstances and human behaviour. For more than two thousand years, the axiom of parallelism introduced in this axiom system proved to be an insoluble problem for mathematicians. János Bolyai (1802–1860) resolved the contradiction and transformed virtual Euclidean geometry into physical reality by reformulating parallelism. At the same time, he moved from the interpretation of the finite to the interpretation of the infinite, which became a key element in the scientific and theoretical models of creation, as well as in the formulation of the theory of relativity in physics and became the cornerstone of the development of astronomy. [5]

Today, the most accepted scientific model of the universe is the so-called hot universe or “Big Bang” model, pioneered by Gamow, Alpher, Hermann, Friedmann, Bethe, Hoyle, Dicke and many others after World War II. [6, 7, 8, 9]

Like all models, it starts from a few basic principles:

1. The universe – system.
2. This system is isotropic and homogeneous.
3. The interactions we know can propagate at the maximum speed of light.
4. We extrapolate in space and time from the laws of the environment as we know it.

5. The upper limit of density is considered to be  $10^{94} \text{ g/cm}^3$ , because above this the current theory of gravity no longer applies.

6. Extrapolating the temperature above  $10^{15} \text{ K}^\circ$  makes no sense. The system has no memory, no trace of its past.

7. Within this model, the expansion can be followed backwards in time up to  $t = 10^{-44} \text{ s}$ .

### On the poetry

Creation goes beyond its narrow meaning, because it includes birth, life and death. There is no mercy in creation! Not from a religious or scientific point of view.

We put the “birthday” of today's universe at 15–16 billion years ago. Based on the redshift, the universe is in an expanding phase, followed by a shrinking phase. An entire period is estimated at 40 billion years.

The current universe will be followed by more and more universes

Neither the scientific nor the religious understanding of creation excludes the concept of re-creation! The possibility of re-creation is a perfect parallel between the two approaches. The Hungarian fiery revolutionary poet Sándor Petőfi (1823–1849) envisioned it this way [10]:

Véres napokról álmodom,  
Mik a világot romba döntik,  
S az ó világnak romjain  
Az új világot megteremtik.

(I dream of bloody days,

That ruin the flower, And on the ruins of the old world

A new world will be made.)

We wish to draw attention to the order: light precedes darkness, in both cases.

The great Hungarian poet giant, Mihály Vörösmarty (1800–1855), wrote succinctly [11]:

... a sötétén túl van a világ. (... beyond the darkness is the world)

The word formation of the Hungarian language has enormous potential for word games. Here is a word game:

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világ (world) – világ-osság (lightness)

*And God said:*

*Let there be lights*

*... And God made*

*Two great lights*

### The Sun and the Moon

Science says: the stars, followed by the two big luminous bodies. According to science, the Sun and the Moon. Some stars formed 15 billion years ago, but the vast majority of them have since died out. The lifetime of our Sun (star) is 5 billion years. The Moon has a lifetime of 4.5 billion years, the same as Earth's. These two formations (Sun, Moon) have a greater influence on life on Earth than all the stars in the Universe put together. [12] Here we highlight the correspondence of order between the two hypotheses, because stars (the luminous bodies) appear earlier than our Sun and Moon.

We would like to point out that the biblical creation of the world pays special attention to water, because it returns to water in various forms in passages 6, 7, 8, 9 and 10. As science stands today, life on Earth – originated in water! There is full agreement between the two methods, because of the emphasis on the importance of water.

An interesting bit of arithmetic: 70.8% of the Earth's surface is covered by water, **70%** of newborn babies' bodies are **water**. [13]

Two organisms of different sexes in the same species create the potential for the maintenance of the species. The Bible repeats it in several paragraphs (21, 24, 25) in different forms. In both the plant and animal kingdoms, the two sexes play a crucial role in ensuring the survival of a species.

And God said: Let Us make man,... to rule over the fish of the sea and the birds of the air, over the livestock, and over all the earth itself and every creature that crawls upon it. Biological evolution: There have lived about 10 million species on Earth, over the last 3.7–3.9 billion years. According to the theory of evolution, the human species appeared at the latest.

It is a perfect coincidence that the human is the last species to appear, both in the biblical creation and in biological evolution!!! So God created man in His own image; in the image of God He created him... [14]

There have lived about 10 million species on Earth, and only the human race possess such high intellectual and psychic gifts, that no other species in nature has been endowed with by evolution. All this was achieved in a very short time by the human race, estimated at around 500,000 years. Only the human race understands the concepts of science and religion!

A shocking clash between religion and science. According to the Bible, human is the only species created by God in His own image. A specific discrimination of the idea of religious creation. According to biological evolution, the human species is the only one capable of high levels of intellectual activity and endowed with exceptional psychic qualities.

So God created man in His own image; in the image of God He created him; male and female He created them.

The two basic laws of biology [15]:

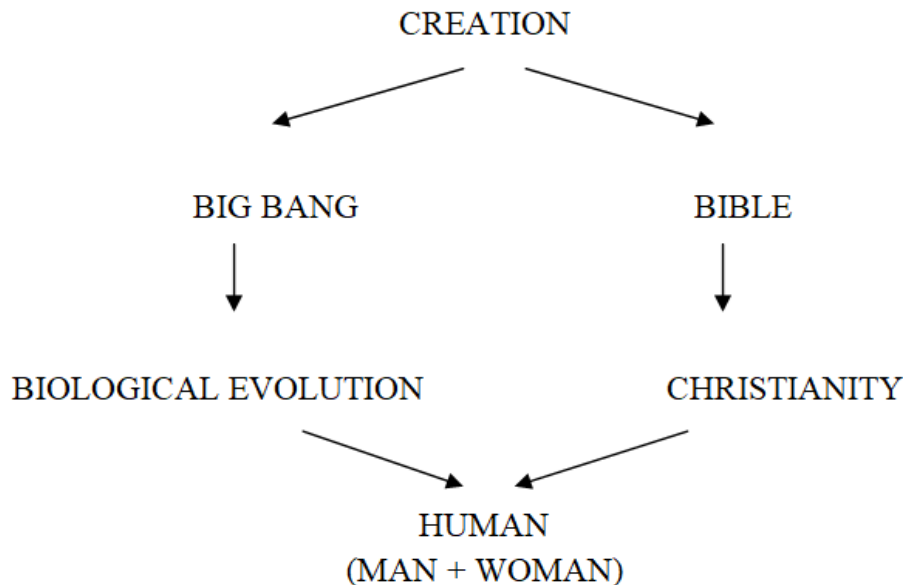
- 1) All living individuals should strive to keep themselves alive.
- 2) All living individuals, including humans, have a duty to maintain their species.

So humans have a fundamental obligation to lead a lifestyle that maintains their ability to reproduce.

There is perfect harmony between religion and science. God blessed them and said to them, "be fruitful and multiply, and fill the earth and subdue it; rule over... The purpose is clear: the human race has two different sexes, to reproduce and multiply!!!

There is perfect harmony between religion and science. This harmony cannot be overridden by creeping legislation!!! Neither religion nor science recognises as supreme law the legal make-believes formulated by people in various social forms. Both the Church and science accept only the union of man and woman.

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31 (last paragraph) And God looked upon all that He had made,  
and indeed, it was very good.

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