

Considerations of This Issue

Introduction

1-1 T-Consciousness and the New Science of ScienceFact

The nature of consciousness and its place in science has received much attention in the current century. Many philosophical and scientific theories have been proposed in this area. In the 1980s, Mohammad Ali Taheri introduced novel fields with non-material/non-energetic nature named Taheri Consciousness Fields (TCFs). In this perspective, T-Consciousness is one of the three existing elements of the universe apart from matter and energy. According to this theory, there are various TCFs with different functions, which are the subcategories of a networked universal internet called the Cosmic Consciousness Network (CCN). The major difference between the theory of TCFs and other theoretical concepts about consciousness is related to the practical application of the TCFs. These fields can be applied to all living and non-living creatures, including humans, plants, animals, microorganisms, materials, etc.

Mohammad Ali Taheri, the founder of Erfan Keyhani Halqeh, a school of thought, introduced a new science in 2020 as a branch of this school. He coined the term Sciencefact for this new science because it utilizes scientific investigations to prove the existence of T-Consciousness as an irrefutable phenomenon and a fact. Although science focuses solely on the study of matter and energy and Sciencefact, by contrast, explores the effects of the [non-material/non-energetic] TCFs, Sciencefact has provided a common ground between the two by conducting reproducible laboratory experiments in various scientific fields, and it has used the scientific approach in proving TCFs.

The influence of the TCFs begins with the Connection between CCN as the Whole Consciousness of the universe and the subjects

of study as a part. This Connection called “Etesal” is established by a Faradarmangar’s mind (a certified and trained individual who has been entrusted with the TCFs). The human mind has an intermediary role (Announcer) which plays a part by fleeting attention to the subject of study and then the main achievement obtained as a result of the effects of the TCFs. These fields cannot be directly measured by science, but it is possible to investigate their effects on various subjects through reproducible laboratory experiments (1).

1-2 Taheri's research methodology of T-Consciousness Fields

The research methodology in the study of T-Consciousness has been founded on the process of *Assumption, Argument, and Proof*, in which the basic Assumption is: The Cosmos was formed by a third element called T-Consciousness that is different from matter and energy.

The Argument: The existence of TCFs can be demonstrated by their effects on matter and energy (e.g., humans, animals, plants, microorganisms, cells, materials, etc.)

The Proof is the scientific verification of the effects of TCFs on matter and energy (according to the Argument) through various reproducible scientific experiments.

Accordingly, to investigate and verify the existence, effects and mechanisms of TCFs, the following five research phases (Phases 0 through 4), and the aims of each phase are outlined below.

Phase-0 studies aim to prove the existence of TCFs by observing their effects. The nature of T-Consciousness and what it is will not be addressed in this phase. Phase-1 explores the varied effects of different TCFs. Phase-2

examines the reason behind the varied effects of these fields. Phase-3 investigates the mechanism of TCFs effects on matter and energy. Finally, Phase-4 draws significant conclusions, particularly with regard to the *mind and memory of matter* and their relation to the T-Consciousness, etc.

2- Methods

2-1 Using T-Consciousness Fields

TCFs were applied to the samples according to protocols regulated by the COSMOintel research center (www.COSMOintel.com). A request for connection to CCN to utilize this field can be placed through the COSMOintel website in the "Assign Announcement" section. This access is available for everyone at no cost. To study and experience this connection, the researchers can register on the site above at any time and report the experiment to the COSMOintel research center. Specific details of the experiment must be provided to the center; for example, the characteristics or number and name of samples and controls must be specified.

This entire experiment was carried out as a double-blind method where lab technicians were completely unaware of TCFs theory, and the Faradarmangar at the COSMOintel research center who established the consciousness bond was unaware of the details of the study. Double blindness is a gold standard that is common in science experiments in medicine and psychology, involving theoretical and practical testing.

The T-Consciousness Fields used in the studies of this issue, apart from the two studies of the wheat plant and the magnetic properties of iron, which were only the T-Consciousness Field 1, was a combination of the T-Consciousness Fields 1, 2, and 3, which were used simultaneously. Based on Taheri's theory of T-Consciousness, the effect of TCF 1 is to optimize the subject under study based on the laws of the ecosystem. To use TCF2, a detailed request is made by the declarant according to the known rules of the desired field and introduced by the relevant

expert. The function of TCF3 is to remove negative and destructive factors affecting the behavior of the sample to adapt to its optimal conditions.

2-2 Simulating the Microgravity Environment on Earth

The International Space Station (ISS) has played a prominent role in biological research in space. For example, in this research, plant seeds are exposed to microgravity or space radiation, and after returning to Earth and germinating, it was possible to check the phenotypic and genotypic changes. Or, after growing and germinating the seeds in the space environment, and returning to Earth, the changes in cell structure, cell division, etc. will be investigated.

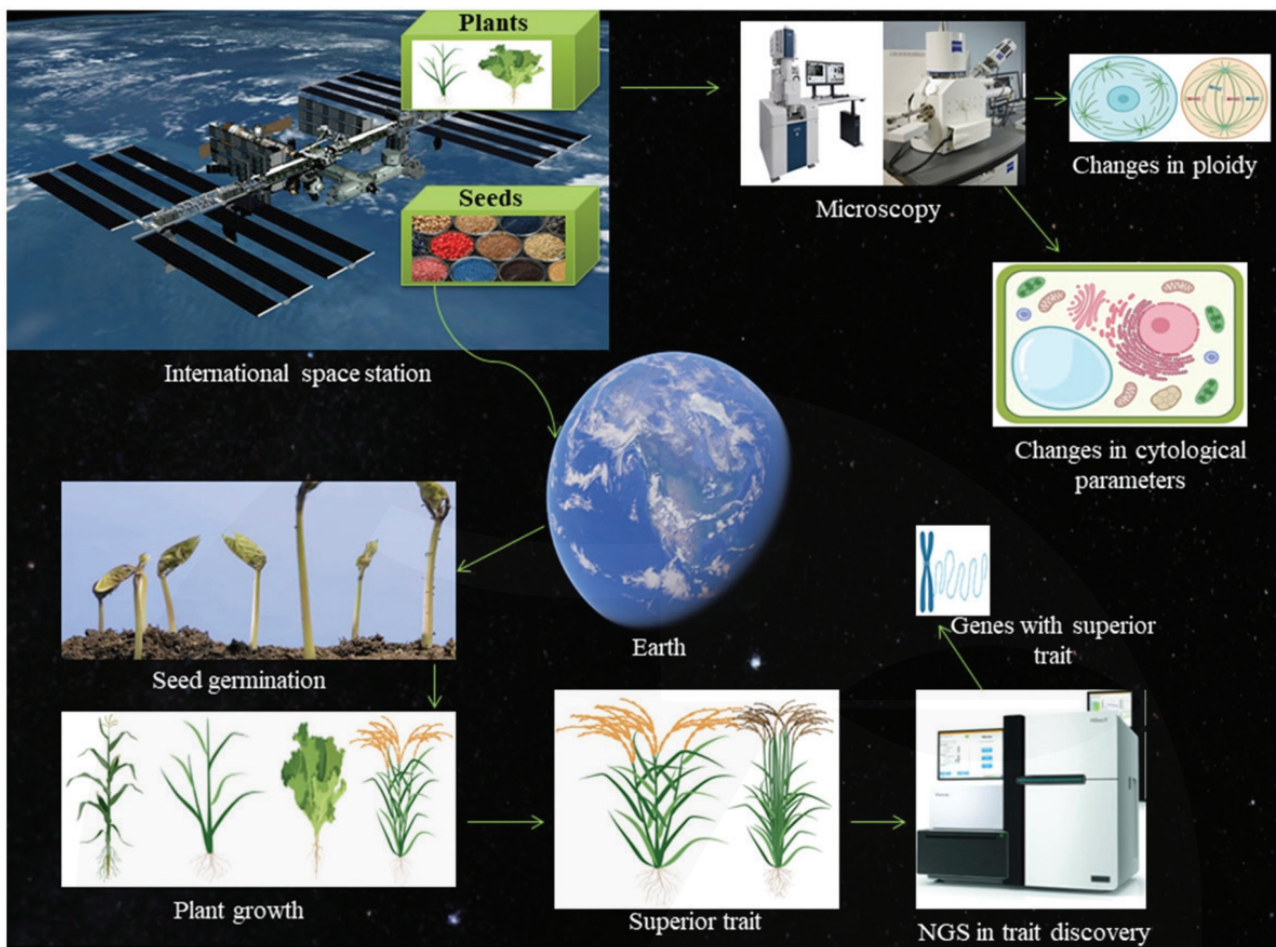


Fig.1 Schematic illustration of ISS research and biology experiments (2).

Although the existence of space stations has enabled humans to study the mechanisms of adaptation to the microgravity environment, regardless of the risks and other stressors such as cosmic radiation, a lot of funds should be spent to conduct these experiments. For this reason, the use of ground facilities such as the Clinostat device, which prevents the studied system from understanding the gravitational acceleration

vector, is one of the most appropriate ways to simulate microgravity conditions. Although microgravity is sometimes called "zero gravity", it is not so and is considered a simulation and approximation of it (expressed as 10^{-6} g). This device removes the effect of gravity through rotation.

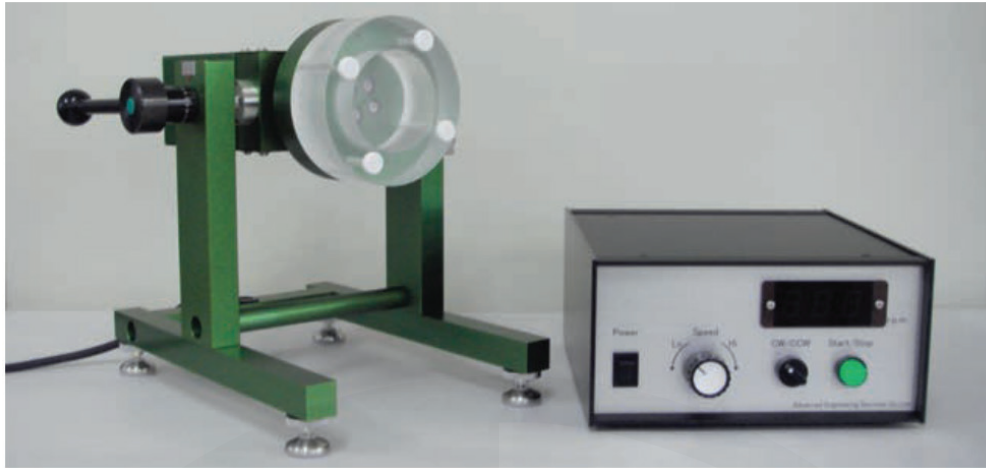


Fig 2. A single axis Clinostat

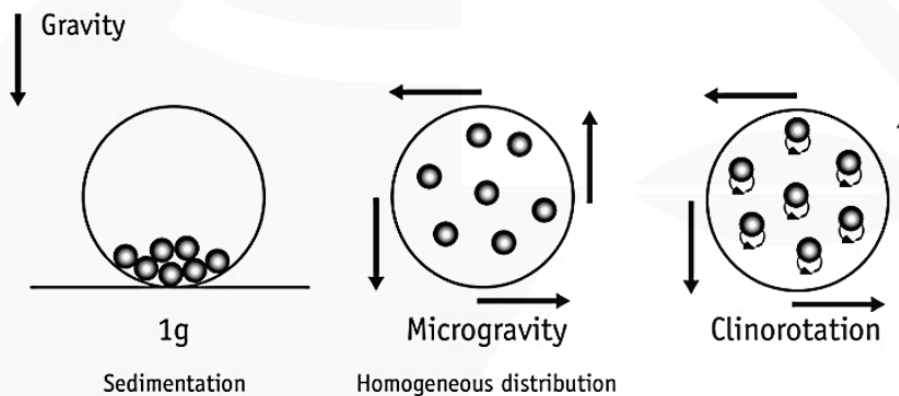


Fig.3. Rotation of 2D-Clinostat (3).

Using the clinostat device, it is possible to evaluate the behavior of substances and living organisms in microgravity conditions. As explained in the introduction of the effects of T-Consciousness Fields, the effects of T-Consciousness Fields on various subjects, both living and non-living materials, can be investigated. In these tests, half of the samples in the device have been affected by T-Consciousness Fields, and their results have been scaled and analyzed with the control group in microgravity conditions as well as the control group in earth gravity conditions.

In this stage of the tests, in addition to biological studies that included normal and cancerous human cell lines, *E. coli* bacteria, yeast, and wheat plants in the early stages of growth, pure iron metal was also chosen as the subject of study in the field of materials. Iron is the most abundant chemical element in the earth's

core and constitutes more than 85% weight of its mass, and it is the most abundant material element on the earth's surface (4).

In terms of magnetic properties, iron is one of nature's ferromagnetic materials. Therefore, it can be magnetized under the influence of an external magnetic field. The external magnetic field moves the iron away from its lowest energy state (random orientation), so its magnetization is associated with the application of energy. When the external magnetic field is removed, the arrays tend to become passive to some extent, but iron can retain a large amount of its magnetization, or in other words, its magnetization "memory" (5).

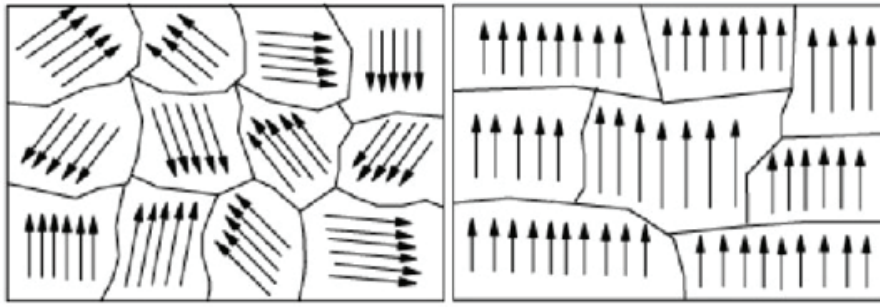


Fig 4. Rotation of the direction and increase in the size of the magnetic domains (from right to left) in response to the externally applied magnetic field (6).

VSM (Vibrational Scanning Magnetometer) device has been used in this study to investigate iron saturation magnetization. This experiment provides a possibility to investigate the effect of T-Consciousness Fields on materials in microgravity conditions and compare them with their effect on living organisms.

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