



RESEARCH ARTICLE

THE CONCEPT OF MACROGRAVITY A HYPOTHESIS

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ABSTRACT

The existing theory about the concept of gravity in outer space is that of MICROGRAVITY. This theory is supported by NASA and has been accepted worldwide. Most of the concepts in science are based on hypothesis and assumptions and sometimes it's not possible to prove the concept. This hypothesis is based on the assumption that the gravity in outer space is not micro but MACROGRAVITY. This large gravitational force is keeping all the elements including big stars and planets in equilibrium. But, their effect on small objects is negligible causing a feeling of weightlessness. This can be best explained by Tyndall effect on dust particles, as they move in the atmosphere like weightless due to tiny weight compared to the large gravity of earth.

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INTRODUCTION

- Gravity, or gravitation, is a natural phenomenon by which all things with mass are brought toward (or gravitate toward) one another, including objects ranging from atoms and photons to planets and stars.
- The works of Isaac Newton and Albert Einstein dominate the development of gravitational theory. Newton's classical theory of gravitational force held sway from his Principia, published in 1687, until Einstein's work in the early 20th century.
- NASA currently follows the concept of MICROGRAVITY to explain why object floats in outer space.
- The concept of Macrogravity is a new theory based on an assumption.

Why not Microgravity

- NASA states that there is an existence of a small amount of gravity which keeps the different planets and their moons in place. Same gravity keeps objects in moving state.
- The question is that how such a small gravity called microgravity can keep such big planets and enormous sized stars in place and maintain them in equilibrium.

Why Macrogravity

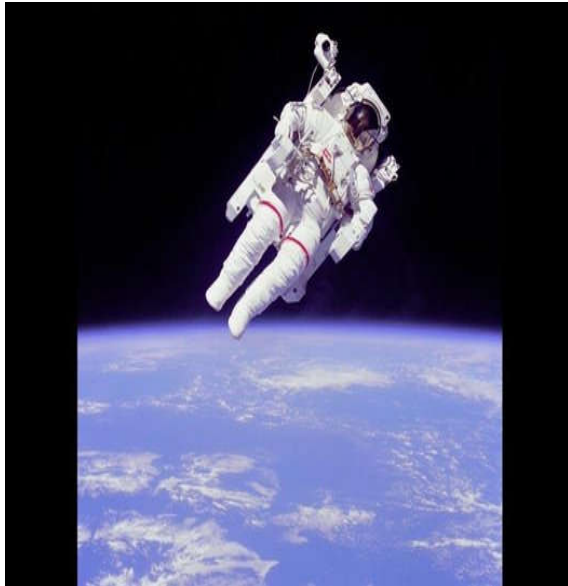
- There are no proofs of the existence of any gravity or no gravity. Most of science is based on theoretical concepts only.
- The point is that such a big universe needs to have a big gravitational force to keep everything in their respective place and maintain equilibrium.
- I observed beautiful Tyndall effect created by solar beams on the dust particles. This fascinated me, and I started thinking about this. I concluded that this situation is similar to the one where we are in space and we feel weightlessness.
- The comparison here is that just like the gravity of earth have almost nil effect on dust particles due to their such minute weight relative to the gravity of earth, similarly, we or our satellites have a nil weight relative to MACROGRAVITY of the universe.

MATERIALS AND METHODS

The hypothesis is made on the basis of assumptions of the author. The natural phenomenon's like Tyndall effects are being observed and related to the existing hypothesis. A theory based on the logical reasons and correlations of the natural phenomena is concluded without any conflict of interests.

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Weightlessness (for humans in space)



Weightlessness (Dust particles)

RESULTS AND CONCLUSION

- There is a possibility of the existence of a very large force of gravity called MACROGRAVITY in the outer space which is responsible for all the equilibrium but its effect on small size objects is negligible.
- This is just a hypothesis and I have no objections to other theories.

DISCUSSION

According to the studies conducted so far in the field of astronomy, there is a belief that a tiny gravity exists in the outer space and it's called the MICROGRAVITY. This theory of this microgravity is also a hypothesis as most of the stories in the field of science are based on hypothesis. The concept of MACROGRAVITY is a new hypothesis which covers some of the unexplained aspects that are not explained by microgravity. Although, this concept is contradictory and might be wrong, but looking at the history of science it is seen that from time to time new hypothesis are made and concepts and theories changes. So, this hypothesis can be considered and it requires more research to be done in the depth before it can be rejected.

Conflicts of Interest: None

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