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EUCLIDEAN SPACE OF PLANET EARTH

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This is a fragment from *Fundamental Theory of Time* regarding the Euclidean space.

Abstract: Planet Earth exist in Euclidean space so in this short paper present a fragment of the chapter 9. The Delimitations of planet Earth's space which prove that Newton is right regarding the space of our planet. The planet is not moving around the Sun non-Euclidean shape as Einstein say. Is wrong because few times per year, in this situation we could have different temperatures and the gravitational force will move from the equator. The planet has no fluctuations in movement around the Sun on its Orbit.

Key words: twin paradox, atmospheric time, extraatmospheric time, relative time, absolute time, distance, space,

Euclidean space of planet Earth and of Solar System

Thus, in Fig. 32 we can see that the Earth in Orbit is at aphelion, the farthest point from the Sun at a distance of 152.6 million kilometers, while retaining the same direction of rotation (counterclockwise). The Planet Earth is presented here in this image (Fig. 32) as having "fluctuations" on its journey to the upper part of space. The distance from the Earth to the Sun marked **A** and the distance of the Earth from the Sun with **fluctuating motion** marked **B** show that these two differ greatly; therefore, if the Earth were to rotate (in rotational movement) with "ups" and "downs", the temperature on Earth would change substantially during its circuit around the Sun and our planet would undergo drastic climatic changes - very low temperatures, etc. And not only that; the whole

planetary mechanism would be disrupted. The Earth on a normal Orbit (Euclidean Orbit; see Fig. 33, lower orbit), with a distance **A** (Fig. 32) of 152.6 million km from the Sun (aphelion) is marked $\mathbf{P_a}$ and the distance **B** of the **planet Earth** to Sun in **fluctuating motion** is marked $\mathbf{P_A}$ (upper delimitation $\mathbf{De_s}$). So, keeping these coordinates in mind, we can see in Fig. 32 that distance **B** is much greater than distance **A**, which indicates a colder climate on the Earth $\mathbf{P_A}$ (according to non-Euclidean space), and the whole cycle of seasons is disrupted. The planet (marked $\mathbf{P_A}$ above the superior Delimitation $\mathbf{De_s}$) could be even higher than that or further away, it could also rotate anticlockwise in Orbit towards the lower part, but this is not allowed because the Earth could not support such extreme changes that could lead to its destruction.

In conclusion, a fluctuating (non-Euclidean) motion does not exist, because our planet, as I said, is in a well-defined delimitated space.

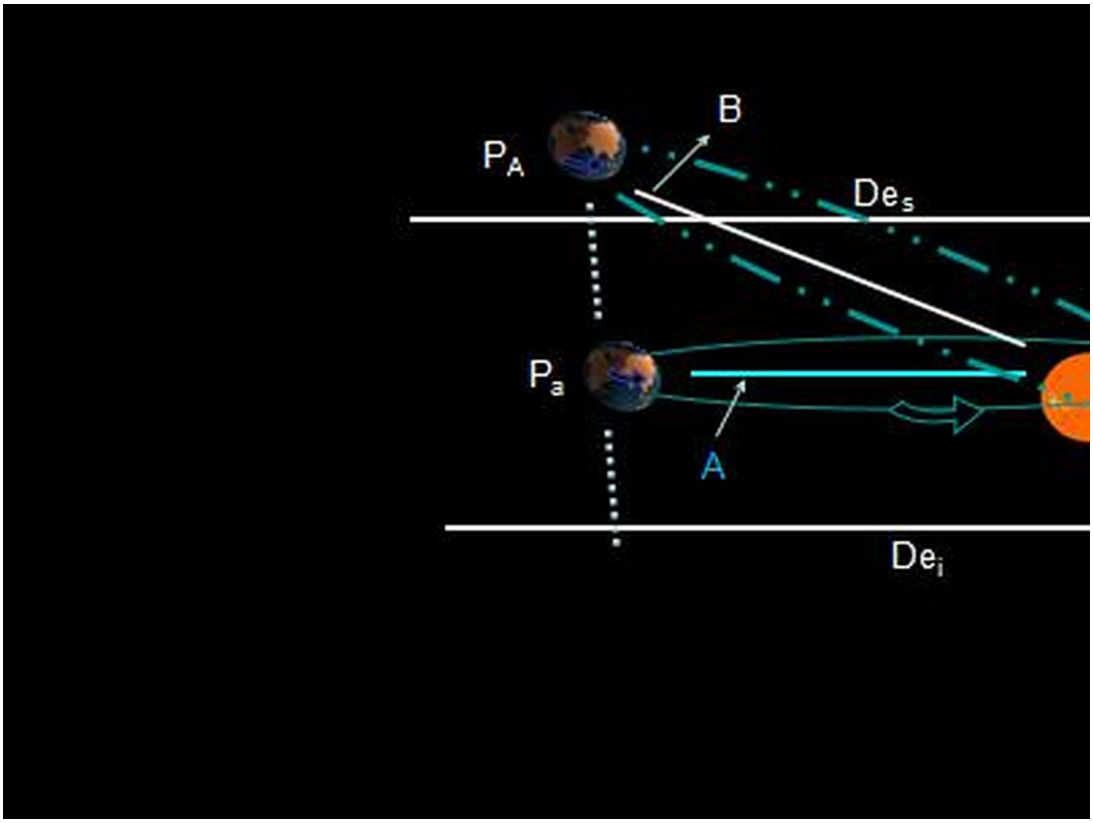

Figure 32. The Earth on Orbit outside of the superior delimitation - position B (P_A)

Conclusions

In this short paper, is clear that Newton is right regarding Euclidean space of planets. In

our Solar System, all planets are moving in this shape of space, so, equator remain always with centrifugal force, never will change.
For more discussion and examples regarding the Euclidean space of planet Earth are in the book entitled: *Fundamental Theory of Time* and subtitle: *Absolute Mechanics*, Blass, 2017, CreateSpace Publisher.

This book is distributed in both print and digital formats by Amazon.com, .de, .fr, .co.uk., br., and other.

Bibliography

Blass, C., *Fundamental Theory of Time*, 2017, CreateSpace Publisher, pp.134-135.