A Very Short Scientific Review and Representation of the Unusual Nature Phenomenon as the “Kelvin – Helmholtz Instability”

E.V. Karpushkin*

Murmansk Academy of Cartesian Infinitology and Euclidean Fractals, Russia

*Corresponding Author: E.V.Karpushkin, Murmansk Academy of Cartesian Infinitology and Euclidean Fractals, Russia, Email: e.v.karpushkin@mail.ru

ABSTRACT

In this Article, the “Kelvin - Helmholtz instability in Science, Art, and the Nature”, is written about the famous Natural but seldom event in our life that has now a lot of their fans and the usual followers & observers as in scientific circles of the Earth’s progressive Societies & States as inside of the tiny family cells in view of the “kitchen” people as well.

The above mentioned event is a very seldom one and that is why it has a very small base of the demonstrative information and the scientific publications, made by the famous scientists. Even the Holland postimpressionist with the World’s name as Vincent von Gogh has created only one masterpiece under the name “The Starry night”, where the real elements of Kelvin - Helmholtz instability are perceptible on the thinnest human level.

In their time, these two scientists, Lord Kelvin & Hermann Helmholtz were busy very much being investigating the well-known today physical problems which they could only observe in their scientific experiments with the usual water, having the same physical properties and parameters but the different densities. The results of their scientific investigations became a new page in the physics science & the base for their further investigations. The same scientific pictures were seen not only in the liquids but in the clouds flow on the sky, the surface of the marine waves movement at the sea shore or in the open ocean, and even in the far Space, for example, with the rings of Saturn, a planet of our Solar system as well.

The Author of this text has become, some years ago, the occasional witness of this Natural event and he has made three photos gallery. The local specialists have explained to me, who never listened about such a very seldom fact and object of the Nature, its name consisting of two surnames as the Kelvin-Helmholtz instability. In some days, the popular local evening city newspaper “EM” has published in one of its issues the colour photo with my short story about its origination. The newspaper readers were surprised very much.

Keywords: instability, Lord Kelvin, Hermann von Helmholtz, impressionism, masterpieces, postimpressionism, Vincent von Gogh, Kelvin-Helmholtz instability, Starry night.

INTRODUCTION

My Sunday morning on September 3-d, 2017 in Murmansk has begun as usual at 11 A.M. with careful observation of the “picture” in front of my flat situated on the 9-th flour. At that moment, my attention was attracted by the chain of the beautiful white clouds with the graceful
A Very Short Scientific Review and Representation of the Unusual Nature Phenomenon as the “Kelvin – Helmholtz Instability”

ringlet on each of them. I decided to make some color photos by my Canon’s POWER SHOT G10 digital camera, bought by me in my town 7 years before. And I did them! Even not having the understanding that I made the photos of the unique and very seldom event in the atmosphere of the Earth --- Kelvin-Helmholtz instability.

![Figure2](image1.png)

**Figure2.** Schematic diagram of the Atlantic Ocean waters data, being confirmed the Kelvin – Helmholtz instability.

![Figure3](image2.png)

**Figure3.** The original photo made by the Author himself in front of his own flat on the 9-th flour in Murmansk, on September 3-d, 2017 at 11A.M., Sunday.

![Figure3](image3.png)

**Figure3.** The elementary diagram of Kelvin - Helmholtz instability in the atmosphere

**REFERENCES**


**ADDITIONAL REFERENCES**


**Citation:** E.V. Karpushkin, "A Very Short Scientific Review and Representation of the Unusual Nature Phenomenon as the “Kelvin – Helmholtz Instability”", Open Access Journal of Physics, 3(2), 2019, pp. 31-33.

**Copyright:** © 2019 E.V. Karpushkin. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.