## Invented before Kyu-Hyun Chae

Information for lovers of physics and astronomy:

Recently I read an article by Eugene Arsyukhin "Физики сделали решающее открытие в истории: Законы Эйнштейна не точны, а до изобретения машины времени – рукой подать" (on <u>https://www.kp.ru/daily/27543/4810099/</u>). Then I read an article by author Norbert Garbarek "Naukowiec mowi o duzych zmianach. Dowod na zalamanie sie grawitacji" (on <u>https://tech.wp.pl/naukowiec-mowi-o-duzych-zmianach-dowod-na-zalamanie-sie-grawitacji,6929095529532160a</u>). After reading it, I thought you might like more information about discoveries in physics and astronomy. The astronomical phenomena discovered and described by astronomer Kyu-Hyun Chae is an experimental fact. But discovery and interpretation are two different things. The interpretation that Kyu-Hyun Chae presents is completely wrong. His article can be found on <u>https://iopscience.iop.org/article/10.3847/1538-4357/ace101/pdf</u>. Here, some of this astronomer's errors will be corrected and logical interpretations of the physical and astronomical phenomena taking place will be presented.

The first fundamental error of astronomer Kyu-Hyun Chae (but it is also the error of other physicists and astronomers) is to deny the existence of subtle matter, previously called ether and now dark matter. This matter is said to exist only as evidenced by the gravitational effects it exerts. This is not true. Because this subtle matter exists everywhere and is the basic component of atomic matter. This fact is further explained in the article "The Constructive Field Theory - briefly and step by step " on <a href="http://pinopa.narod.ru/KTP\_uk.pdf">http://pinopa.narod.ru/KTP\_uk.pdf</a>. There this subtle matter is called protoelectron medium, and its components are protoelectrons. The manifestation of this subtle matter can be observed in many physical experiments. In the short videos shown on

https://www.youtube.com/watch?v=SemQS4RLeFU, https://www.youtube.com/watch?v=je7eLZS6GG0, https://www.youtube.com/watch?v=uJ8B8k1ISQg, one can observe how sound waves contribute to the formation of streams of protoelectrons, which then contribute to the spin of a simple device or to the increase of its weight. You can read about the formation of protoelectron streams in the article "Aether stream demonstration" on http://pinopa.narod.ru/31 C4 Strumienie eteru.pdf (in Polish), http://pinopa.narod.ru/31 C4 Potoki efira.pdf (in Russian).

Protoelectron fluxes in magnets are formed for a completely different reason. On this topic you can read in the article "Magnetic field?... It's very simple!" on <u>http://pinopa.narod.ru/Magnet\_pole\_uk.pdf</u>. The operation of proto-electron streams is shown in short videos on <u>https://www.youtube.com/watch?v=5mwtqM6nB88</u> and <u>https://www.youtube.com/watch?v=gAT3HNHwLXs</u>, while the article "The action of ether streams" can be read on <u>http://pinopa.narod.ru/Dzialanie\_strumieni\_eteru.pdf</u> (in Polish),

http://pinopa.narod.ru/Deystviye potokov ephira.pdf (in Russian). Dark matter manifests itself in magnets in another way as well; this manifestation occurs during the magnetization

process. Namely, a bar of ferromagnetic material increases its mass during magnetization. You can read about this topic in the article "Magnetization - its effect on mass" on <u>http://pinopa.narod.ru/35\_C4\_Magnes\_Masa.pdf</u>.

The second basic mistake of astronomer Kyu-Hyun Chae stems from ignorance of the basic principles of the formation of scientific knowledge. Scientific knowledge should be logical and should be derived from experimental facts. The existence of stable structures of matter in the form of atoms, chemical compounds, solids of various sizes and shapes, proves the existence of areas around the fundamental components of matter, which have been called potential shells. On potential shells, neighboring components of matter are accelerated in a characteristic way. This method of acceleration is described in the article "The Constructive Field Theory - briefly and step by step" on <a href="http://pinopa.narod.ru/KTP\_uk.pdf">http://pinopa.narod.ru/KTP\_uk.pdf</a>.

The fundamental component of matter can be described as a centrally symmetric potential field, which contains spherical regions, or potential shells, with different diameters and different thicknesses. There are shells with very small diameters - these are nuclear shells. Through these shells, nuclear bonds are formed and thus atoms of different elements are created. There are shells with much larger diameters, which in the atom overlap and in a sense add up to form the collective (resultant) shells of the atom. In such a way, from the collection of fundamental shells of the components form molecular shells of atoms. Through the molecular shells, atoms bind to each other and molecules of various chemical compounds are formed.

Potential shells of fundamental components of matter are characterized by the fact that the larger the diameter of the shell, the greater its thickness. By shell thickness we mean the area between the slopes of the shell. You can learn more about the structure and significance of potential shells in the article "Nature's secret discovered" on <a href="http://pinopa.narod.ru/Odkryta\_tajemnica\_przyrody.pdf">http://pinopa.narod.ru/Odkryta\_tajemnica\_przyrody.pdf</a> (in Polish),

## http://pinopa.narod.ru/Otkryta tayna prirody.html (in Russian).

In addition to nuclear shells, molecular shells, which have very small diameters, there are areas of other shells. There is the area of paranormal shells, thanks to which it is possible to have such paranormal phenomena as rapid healing of the edges of wounds on the human body, levitation of small objects or levitation of the human body. The diameters of paranormal potential shells are of the order of millimeters or parts thereof to many, many meters. This area of shells can also be called telepathic shells. But telepathic shells can also have diameters of hundreds to thousands of kilometers. The existence of these shells will be difficult for physicists to believe, because they categorize these phenomena as paranormal, that is, as contrary to "official" scientific views. Easier to accept will be the existence of planetary potential shells. Because the Earth's planetary potential shells have made their existence known in the form of phenomena called fly-by anomalies. On this topic you can read in the article "Fly-by anomaly is not a mystery" on <u>http://pinopa.narod.ru/41\_C4\_Fly-by.pdf</u> (in Polish), http://pinopa.narod.ru/41\_C4\_Anomalia fly-by\_ru.pdf (in Russian).

In a similar way to planetary potential shells, stellar potential shells are formed. And great praise is due to Korean astronomer Kyu-Hyun Chae for confirming the existence of stellar potential shells with the results of his astronomical observations.

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