

Following in the footsteps of Galileo

Open Letter to Academics and Professors of the natural sciences in the world

(Translated from Polish into English by Andrzej Lechowski)

Ladies and Gentlemen, Academics and Professors, representatives of natural sciences, please forgive me, that I will take you ten minutes of time. In actual fact, it may be that the subject, according to your assessment, can be so important for the world's societies and for yourselves that - for pondering and work on it – you will lose a lot more time than a modest ten minutes. But it will be your choice after all.

In connection with the subject of this letter there bow and scrape to you first of all such scholars as Galileo, Newton and Kepler. Because based on discoveries in physics and astronomy today there are derived new scientific ideas that until recently were completely unnecessary to science. But the situation is changing ... Science has never so much needed these ideas, as currently required.

Here is one example: One time in the Siberian Branch of RAS were carried out research, which began Nikolai Kozyrev. The results showed that in addition to the impact of the examined star against resistor of the device, which is transmitted by means of rays of light, there is also the impact that is forwarded directly - immediately. This action takes place without any particles or waves, and without the time. In fact, this means that the star at the same time acts on any body, and any particle in the universe. In connection with the discovery, N. Kozyrev presented a theory explaining this phenomenon. But his theory is highly confusing, ridiculous, and in fact does not explain the essence of the phenomenon, which is confirmed as an experimental fact - the immediate impact of the star on the measuring instrument. Kozyrev's explanation is unnecessary, because it is explained by another theory, that is logical and consistent with human experience.

Before presenting another example of how much modern science of nature needs new ideas, I want to give you a hypothetical Newton's apology for the fact that studying the works of Galileo and Kepler, and working on the principles of dynamics, Newton was not sufficiently attentive. Namely, he didn't notice that developing just one part of dynamics of motion of bodies - he elaborated this part, which is based on the tacit postulate in which it is assumed that in nature reciprocal acceleration of bodies of complex structures, particles, takes place in the same way. That is, he tacitly assumed that the acceleration of various bodies can be described by using one and the same mathematical function; that in the function changes the proportionality factor only, or mass of the body, which gives the acceleration. (As you know, in the field of such a body all the other bodies are accelerated in the same way - in other words, their accelerations vary depending on the distance according to the same mathematical formula - and this process does not depend on the mass of other bodies.)

If Newton would have been more careful scholar of Galileo and Kepler works, then he would develop the second part of the dynamics. This second part of the dynamics is based on the postulate that says that different bodies can impart acceleration to other bodies and the accelerations are described by various mathematical formulas.

Thus, if Newton elaborated the second part of the dynamics, it had long been known to all physicists, but not only to physicists, that in nature there are two types of interactions.

There is interaction, in which the system of interacting bodies has no right to move - the centre of mass of such a system is continuously motionless - and **there is interaction,**

in which the system of interacting bodies has no right to remain motionless. Such a system, as a whole, automatically accelerates - the kinetic energy of motion of the system (as the increasing speed of the components of the system) increases.

If Newton would have been more careful researcher, then today there wouldn't be any difficulty for physicists to explain where energy comes from in nature, which for example, without perceivable inflow from outside, forces the magnetic motors to operate, forces to operate the Potapov heat generators that produce more energy than receive from the outside, or in a similar way forces operation (along with emission of extra heat) cavitation heat generators produced by K. Urpin in the company "Teplo XXI veka".

Today, only in the form of a joke can be attributed blame to Newton for what he had not made. But in all seriousness, you can take care of what Newton has not developed, but developed Pinopa. It is - constructive field theory - CFT, which in summary is presented in the form of work "The Constructive Field Theory - briefly and step by step" (on http://nasa_ktp.republika.pl/KTP_pl.html, the Russian version on http://konstr-teoriapola.narod.ru/KTP_ru.html, the English version http://nasa_ktp.republika.pl/KTP_uk.html and in the annex to the letter). Who wants, can familiarize with the CFT in an enlarged form - it is shown in the collection of articles "Rescue of science of nature - Constructive field theory" - the collection of articles for the time being is available only in Polish and Russian, http://nasa_ktp.republika.pl/Ratunek.html, http://nasa_ktp.republika.pl/Ratunek_ru.html. Ladies and Gentlemen, Academics and Professors, I bring you this information with the view that the information will allow you to start inclusion of new physical idea in the field of official science, which is the basis of the constructive field theory. Science has never needed this idea as much as it needs now, and you, dear Academics and Professors can contribute to achievements of science which are today so desperately needed.

Sincerely,

Bogdan Szenkaryk "Pinopa"
Poland, Legnica, 2014.09.16

PS This letter will be sent to the scientific and educational institutions in various countries. It would be advantageous for science, if these institutions, but also all the others - who could - placed the letter on their web pages. Because the more information is in the public space, the faster science will begin to develop in a new direction.