

Elimination of chutzpah from physics

(Translated from Polish into English by Maksymilian Miklasz)

Abstract: In the article is presented the view that the creators of today's physics went far beyond the area of classical physics. They created and developed two theories of relativity and quantum mechanics, and their work was based on the principle: the more complex are the physical ideas and difficult to understand, the better; the more ideas will be introduced to the physics and they will be beyond the reach of human imagination and experience, the better. In short, they created a physics based on chutzpah principles, in which the less logic and cause-effect dependences, the better. Article aims to raise awareness of logically minded physicists that it is time to eliminate chutzpah ideas from physics and replace them by logically associated ones along with experimental facts.

To eliminate chutzpah from physics, first you have to know what it is such chutzpah and what is its specific expression in physics. In the article "Chutzpah corner - authors and followers of chutzpah in physics" on <http://pinopa.republika.pl/Kacik.html> you can read:

"Some people may not know what it is such chutzpah. Apparently it is as much as 22 definitions for determining the significance of chutzpah. Here are five of them:

1. lie, fibs, 2. arrogance, shameless 3. impudence, insolence, 4. blatant cheating, false 5. prevarication, subterfuge.

And here is a fragment of "chutzpah catechism" which sets the rules of conduct chutzpah in life - at school, in relationships and so on.

"Speak and proceed with confidence, persistently and aggressively, disarming and stunning. As much noise and verbal glitz, the most opaque and pseudoscience. Create theories, hypotheses, schools, real and unreal methods; the more extravagant is better! Do not be discouraged by the fact that they do not need anyone, do not worry about that tomorrow they forget about them. There will come a new day. They will come new ideas. This expresses the power of our spirit, it is our identity, therein lies our superiority. Let the gentiles pay our bills. Let racking their brains to find rational grain in our ideas, let them search and find in them what is not there. Tomorrow we will give a new food for their primitive brains."

This is part of "Catechism of the Jew in USSR" (full text is on http://www.islamru.com/haber_detay.asp?haberID=217).

What is chutzpah in physics? Who knows a little the modern theoretical physics, knows how difficult it is to understand quantum mechanics. It describes the fundamental principles of the structure of matter, but this description is just "chutzpah in physics".

That which contain together the quantum mechanics and special relativity - you can also add the general theory of relativity - that everything is a product of the human mind. People come up with all of this in order to explain what is unexplainable. Earlier, before there was a development of sciences, there were times that words such as: God, angels, ghosts, serve to explain all existing things, and all sorts of phenomena in nature. In fact, these words were used to explain natural phenomena, which at that time had no explanation.

Were invented new words, which supposedly explain the constitution of matter and physical phenomena, but these are only appearances. Because what shows and describes quantum mechanics and both of relativity theories, is intentionally so confusing that it is not within the human imagination

and can not be logically described by words. Into physics were introduced nonsense - in form of unimaginable postulates - and on this basis were built ostensibly logical arguments. But these are appearances ... Descriptions with mathematical formulas and leads create relationship with logic, but it is apparent relationship. Because the calculation can be carried out, but what do they explain?

You can ask yourself the basic question. On what basis the word "quark", with added adjectives: up, down, strange, charm, bottom, top, and the same with addition of the word "anti", better suited to descriptions of natural phenomena, rather than words : god, angels, ghosts? I think only on the principle that those "quarks" was easy to associate and assign them to such features as: spin, smell, mass, isospin, colour, etc. Then these was easy to assign appropriate numbers to be able to perform calculations . What exactly is calculating? This can guess based on the words from the " chutzpah catechism": "Do not be discouraged by the fact that they do not need anyone, do not worry about that tomorrow they forget about them. There will come a new day. They will come new ideas."

In wikipedia you can read:

"The principles of quantum mechanics are currently the paradigm of physics and chemistry. With the special theory of relativity, quantum mechanics is the basis for description of all physical phenomena."

You could say that the creators of theoretical physics were trying to figure out what is the objective truth about the components of matter and laws of nature. You could say that if there actually presented characteristics of matter were logically related to the physical phenomena and experimental facts and if this relationship existed in the opposite direction, that is, if in the interpretation of phenomena and facts these features justify these facts and just such and no other course of phenomena. But such a relationship between the properties of matter, physical phenomena and experimental facts in contemporary theoretical physics does not exist.

About the inappropriate concepts used in physics that create the seeming strict science, in his own way writes prof. F. M. Kanarev in an open letter to the President of Russia V.V. Putin and President of Russian Academy of Science V. J. Fortov of 06/03/2013. - The content of letter can be read on: http://nasa_ktp.republika.pl/Kanareva_PISMO_pl.html.

Here are two paragraphs from the letter:

"In the early stages of development the theoretical-mathematical models help experimenters and contributed to the rapid development of various industries. However, with increasing complexity of the scientific tasks, many of the ancient mathematical formulas have lost its versatility and technical progress began to be based primarily on the results of experiments that were not obtained as a result of the theoretical prediction, but as a result of use so-called trial and error. Were studied one variant - not coming out, began to examine the second, third ... hundredth variant, and suddenly an unexpected result - were obtained a completely new, incredible result, which did not provide any theory. Can be definitely said that all the scientific achievements of mankind in the last 50 years are the result of implementation of trial and error method , and no - theoretical predictions.

How the theorists were relating sometime to this issue, and how they relate today? They confidently attribute all these achievements to theories of their predecessors, which are the foundation for their personal theoretical "achievements". As a result of that it is not easy to discern in the jungle of mathematical formulas symbolism to understand their physical meaning which is voiced in these symbols, theorists feel kings of situation. This situation was shaped in such a way that the compatibility of the realities of the new theoretical result - as the foundation of new experimental achievements, evaluate theorists with the old theoretical knowledge and old ideas about the physical essence of the analyzed process and exposing its assessment closes the way for science and practice for new theoretical results."

Method of closing the path to learn and practice for new theoretical results mentioned by prof. Kanarev, working effectively. It prevents the spread of unwanted content – the contents, which reveal the

absurdity introduced to science and guide them on the new development direction. As you can see further progress in the development of the natural sciences is now dependent on non-scientific factors, because the decision-makers - the representatives of science are not interested. To the wide dissemination of scientific content should engage representatives of the non-scientific mass media, politicians, economists. It is they who should act and inform the world about the existence of new scientific solutions, because the official representatives of science do not accept the new solutions that contradict their knowledge. When you get this kind of information pressure, then you can expect that slowly, slowly ... but eventually will eliminate the chutzpah from physics.

Currently, the scientific world is not interested in neither the discovery of **fundamental principle of matter** (<http://pinopa.republika.pl/FunZasMat.html>), nor discovery of the base, from which results **the principles of Newton's laws** and **new dynamic laws** - including the limited range of the conservation of energy, nor discovery of **three fundamental particles of matter**, which are the basis of the structure of matter and all physical phenomena. Currently, scientists are not interested in that were developed **the constructive field theory**, with which you can explain all natural phenomena, and that this can be done in accordance with the laws of logic and imagination. With the basics of the constructive field theory can be consulted on: http://nasa_ktp.republika.pl/Information.html.

With the example of descriptions of various physical phenomena can be consulted on: http://nasa_ktp.republika.pl/Ratunek.html (collection of articles - "Rescue the science of nature - Constructive Field Theory") and <http://pinopa.republika.pl/index.html> or http://nasa_ktp.republika.pl (latest articles).

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