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EXCEPTIONALITY EXCLUSION. Bridge between Quantization and Relativity above the Stormy Stream of Pseudo-Scientific Speculation

By Stanislav Ordin

The Russian Academy of Sciences

Abstract- The work on correcting the historically layered errors of Quantum Theory," in addition to its specific corrections, provided both an understanding of the reasons for their occurrence and why they were canonized. And, also, it became obvious that the Scientific Misconceptions, both included in the modern "Quantum Theory" and in Einstein's SRT, have a General Character. Therefore, the Unified Theory, as has now become obvious, can and, initially, must be built on the General INVARIANTS of Quantization and the Principle of Relativity, while each of the noted Theories proceeds from the use of an individual non-invariant set of orts, plugging the "holes of theories" with EXCLUSIVITIES. This work is devoted to their identification and elimination, which will help correct both the FOUNDATIONS of the Theory of Relativity and will complement the corrections of the FOUNDATIONS of Quantization.

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I. REASONS FOR THE OCCURRENCE OF EXCEPTIONALITY

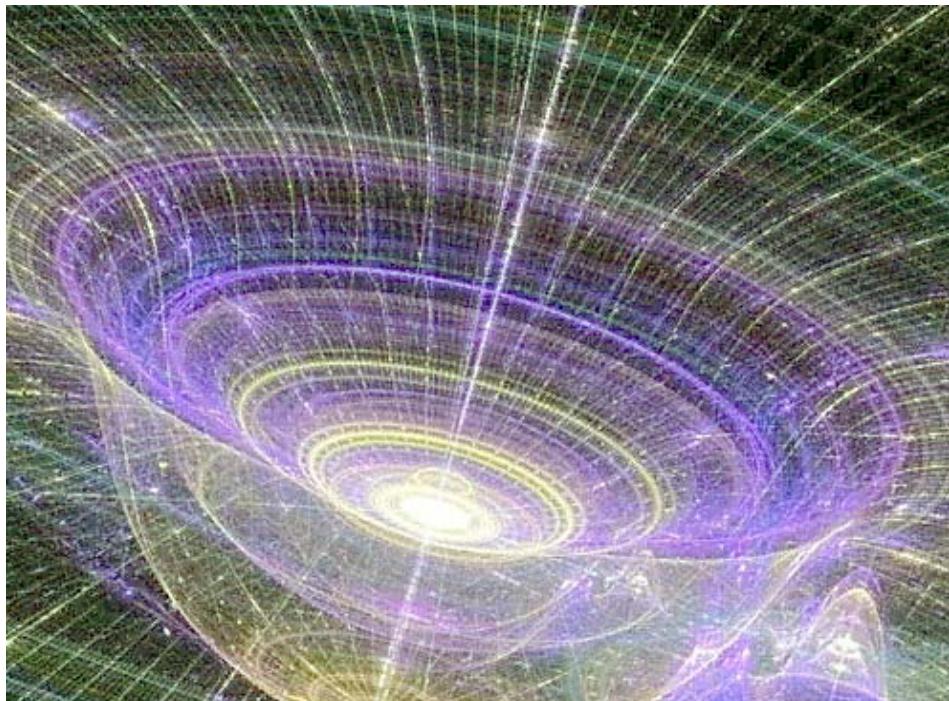


Fig. 1: Original EXCLUSIVITY

The philistine opinion now dominant on Earth that SCIENCE is needed EXCLUSIVELY by scientists, to whom the philistine counts EXCLUSIVELY star-studded ones, is fundamentally erroneous. It is now, unlike the beginning of the 20th century, that is leading humanity

to degradation. But the average person also drew this EXCEPTIONALITY from the now degraded SCIENCE. So the purity of the body of SCIENCE, the rigor, the evidence of its Theories, directly influence the CONSCIOUSNESS of everyone.

The final work "NON-SCHRÖDINGER ORBITALS", which was preceded by a whole series of

Author: The Russian Academy of Sciences. e-mail: stas_ordin@mail.ru



works on eliminating mathematical inaccuracies in the BASIS used by modern Quantum Theory, broke through almost a century of bureaucratic parasitism on Schrödinger's imaginaries, which were, without sufficient scientific grounds, dogmatized. But to form a new channel of Science, of course, it will still be necessary to overcome inertia, which will take a lot of time.

And the Children's World, in which this will be overcome, is already the world of my children and already grandchildren. But he lives, as in the days of my youth, with Shakespearean tragedies, written by mature but young people, unlike me, and describing short-term stories. Such "Shakespearean" stories also occur in Science. And they, too, usually lie on the surface and even strive to become like "children's" stories, thereby attractive and "edible" for young minds. And it would seem, why should children be distracted by old people's grumbling about stories with the lifetime of a CENTURY?
["http://rusnor.org/network/social/user/10216/blog/3891/](http://rusnor.org/network/social/user/10216/blog/3891/)"

I do not undertake to fully answer this question here. But I'll just note that this "grumbling" concerns ETERNITY, which, in principle, is interesting to both young and old, but they imagine it differently. It's just an abstract ETERNITY of Scientific Ideas for young people, as it were, a given, these are memorized "cubes"-emoticons, which are used to compete in the SPEED of folding in the running away TIME, loudly called INTELLIGENCE.

And the elderly see that this ETERNITY may turn out to be FINAL and end up in oblivion. And humanity, at the same time, for CENTURIES can mark time or even fall into the abyss.

["http://rusnor.org/network/social/user/10216/blog/3897/](http://rusnor.org/network/social/user/10216/blog/3897/)"

And there is no way humanity will be able to hold on to "The Catcher in Rye" (now in Lies) without Science. Because it is True Science that is capable, century after century, of "Rising from the ashes like a Phoenix" and, turning off the crooked path, renewed, moving further forward to the Yawning Heights.
<http://rusnor.org/network/social/user/10216/blog/3909/>

The work "NON-SHRODENCER ORBITALS" completed (at least for a while) my corrections of the BASICS of Quantization, and I returned to the Corrections of the Theory of Relativity, which also has many mathematical inaccuracies in the BASIS.

But, in addition to the age-old misconceptions in the FUNDAMENTALS of the Theory of Relativity, it has been revealed that in its BASIS there are in their primordial form the idea of the Magnetic Field, as "the gimlets of Democritus" passing through the spiral channels of the Earth from the "North Pole" to the "South Pole", which were recorded in modern Science, even in Mathematics, for almost a thousand years-William Gilbert's great book "De Magneto", summing up Mysticism, was published in 1600, but only Oersted's discovery-experiment in 1819 prompted a number of

fundamental experimental discoveries in the field of Magnetism. But in the mathematical interpretation, Mysticism was preserved in a form veiled by formulas of Magnetism.

So, we had to start clarifying the BASIS with the work "Redefining Magnetism," which was initially perceived as Mysticism, and has retained its attributes to this day.

II. CONSEQUENCES OF EXCEPTIONALITY

As Planck showed, behind the EXCLUSIVITIES (Fig. 1) there are simply hidden new, previously unknown INVARIANTS of the General Picture of Nature.

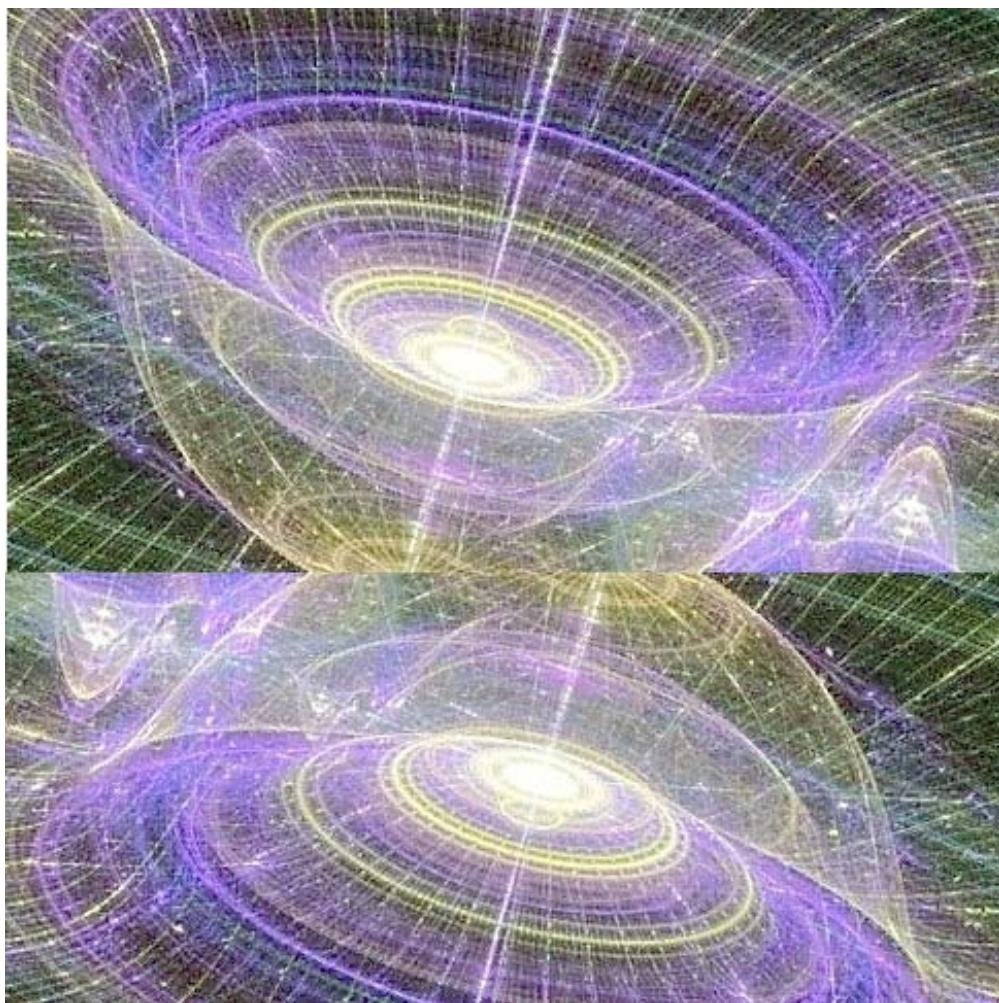


Fig. 2: Two mutually exclusive EXCLUSIVENESS

And the bad infinity of such EXCEPTIONALITY (Fig. 2) gives a lot of local patterns and only destroys the General Picture of the Description of NATURE.

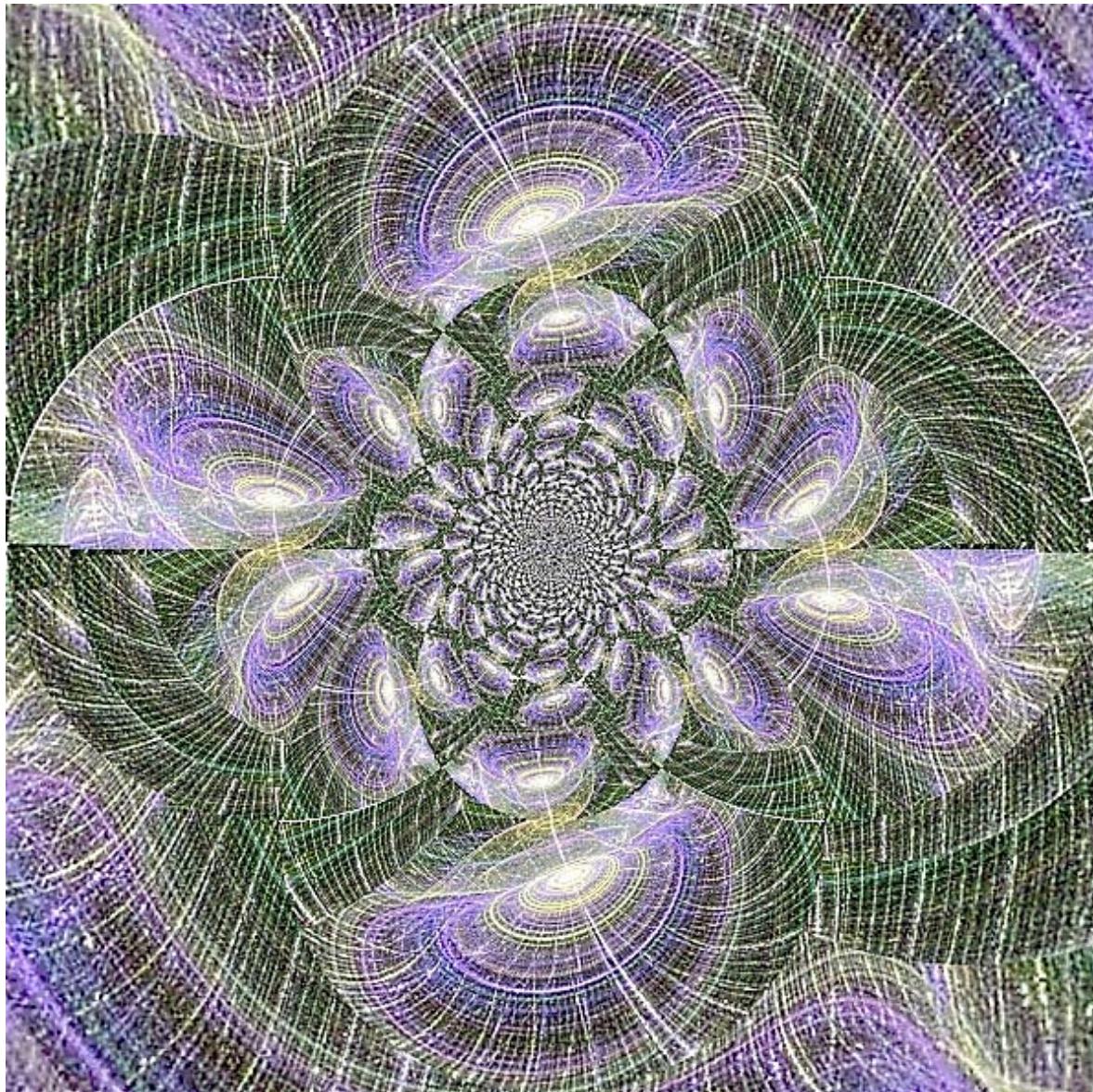


Fig. 3: Transformed Exceptionality, corresponding to a fragment of a theory built on the basis of the original Exceptionality

But EXCEPTIONALITY attracts people, as if bringing them closer to the divine and, thereby, moving them away from True Science, which, in the search for the TRUTH and its evidence, does not hide behind the back of God, like theologians. But Science itself is genetically connected with religion and, thus, has absorbed many EXCLUSIVITIES, which the scientific bureaucracy, whose priorities are not at all scientific, actively exploits to "prove" the significance of Science (or rather, its own significance in "science").

But, thereby, the scientific bureaucracy, in fact, becomes like the pillars of the church, which anathematize new ideas. But the scientific bureaucracy does not reach the level of the church, and by leveling the role of Science in Society, it becomes a sham. And, thus, in the body of Science, these false luminaries of

Science accumulate and speculatively promote Scientific Misconceptions [1].

So, the fact that Bohr preferred Planck-Einstein Quantization [2] to Schrödinger's EXCLUSIVITY, and the fact that Einstein's SRT based on Minkowski's EXCEPTIONAL Geometry was preferred to simply the correct Theory of Gravitation by the senior telegraph operator Heaviside, does not require, in principle, any conspiracy theory. It's just that a LACK OF UNDERSTANDING of a number of ELEMENTARY things was speculatively hidden behind EXCEPTIONALITY. At the same time, it was hidden, naturally, not by the luminaries themselves, who clearly limit the limits of applicability of their models, but by scientific clerks who "evaluate" the work of scientists. So the work of the same Einstein on the error of the gravitational waves he

originally calculated, Phys. Rev. refused to publish because "The locomotive has already started" and titles, honors and money have already been made on these waves.

But the True significance of Science is not in creating the illusion of superficial UNDERSTANDING, but in deep UNDERSTANDING - in the CORRECT, True Description of the World around us. And the EXCLUSIVITY of the SRT itself gave rise to many EXCLUSIVITY that do not require proof, which led away even from attempts at UNDERSTANDING not only in related areas of Physics, but also in the General Picture of the World. Whereas the True Scientific Description shows that even LIFE itself is not EXCLUSIVENESS in our World [3, 4, 5], but is a High Degree of Harmony of Nature [6,7, 8].

Combing fractally developing Science, and, in particular, Physics, is akin to the work of a hairdresser combing a mop of tangled hair - with a quick movement of a small comb you can rip it out and become bald. That is why it is necessary to first use smooth movements of a large comb to select individual areas of very tangled hair, and then carefully comb them with a small comb. Then many EXCEPTIONALITY will simply turn into INDIVIDUALITY. This "large ridge" that reconciled Bohr and Planck was the DUALISM of Functional Sets of the blind Pontryagin, who was blind, but realized that Schrödinger's Imaginaries are nothing more than shadows of an object that can be identically described by different pairs of parameters related, in the simplest case, by Fourier- transformation.

Narrow-mindedness and narrow-minded professionalism, especially scientific ones, live exclusively by the EXCLUSIVENESS they have for themselves and drawn in CONSCIOUSNESS. And we will immediately exclude God's chosenness from the consideration of EXCLUSIVITY. Let's talk about really significant things for True Science, Science built on IDEAS, and not on inflated (for the average person) authorities, on Fundamental IDEAS, and not highly specialized ones.

"Shadows"-Imaginaries of Schrödinger, bursting out like a genie from a bottle, formed thick clouds that covered the peaks of Physics. This raised the question of the connection between Physics and Reality, to which Albert Einstein dedicated his book, who never recognized the Copenhagen interpretation of Schrödinger's "wave function", while he himself came up with SRT with Schrödinger's imaginaries, which Schrödinger, by the way, liked.

The main EXCLUSIVENESS of the SRT comes down to the ASSUMPTION that our space-time can be looked at "from above", i.e. from another, unknown to us, DIMENSION. But being on an infinitely thin plane, while there is no data about the additional dimension, it is impossible to say what is happening above and below it. Or for now at least without knowledge of what

counteracts the expansion of the dimension of our OBSERVED Physical Space. So there are no prerequisites for building a garden based on the assumption of some EXCEPTIONALITY solely due to the Power of Thought.

Indeed, even indicating where is top and where is bottom, so that black does not mix with white, and pluses with minuses, is only possible for a plane of non-zero thickness. And for an ant to crawl along a wire, you need to hold on to it. We don't even know what holds us in our Physical Space. It is unlikely that only the Power of Thought keeps us in our World. And we can move Real mountains with the Power of Thought only in fantasies.

Although, relying only on Logic, the Power of Thought can predict a lot. Even the ancient Greeks, on its basis, reached the understanding of the atomic structure of matter invisible to the eye, which determined the entire Technological Progress and was ultimately confirmed in Technology. With the Power of Thought, again relying on Logic, Copernicus drew the Picture of the Sky not from the point of observation by a person, but from an observation point arbitrarily chosen in space, in particular, mentally from the Sun, which determined the progress of Astronomy.

With the power of thought you can draw Space and an infinite number of dimensions. But in Reality, even in order to simply try to build hypotheses about the "observation" of our four-dimensional space-time from other, EXCLUSIVE positions for space-time, we must first at least logically prove the possibility of the existence of an additional dimension of the Physical World. In the meantime, there is no such evidence, we will exclude providence/ghosts with EXCLUSIVENESS, following Aristotle, from Physics, leaving THEM to Metaphysics and Thoreau's entertaining cards.

And within the framework of Physics, in principle, the fashionable Theory of EVERYTHING itself is schizophrenic nonsense by definition. After all, you can't describe what you don't know. And it is logically possible to get closer to the CORRECT Description of the Picture of the World (like the same Greeks) only from what is already known about it, what has been MEASURED. After all, this is exactly what Ivan Efremov, classified as a science fiction writer, wrote, classified because the artisans did not understand that he was a Scientist with a capital S. He simply looked at the World broadly, and not narrowly in a clannish manner - hence his strictly scientific Discoveries, but completely unexpected for the artisans of science, despite their official scientific titles. The same can be said about Grisha Perelman, who, breaking the already established clannishness even in Mathematics, went right through it in his calculations. And, on this path, the main difficulty of modern, fragmented Science is precisely that it is necessary to correctly put together its various puzzles. And this can be done precisely on the basis of INVARIANTS for all puzzles. And with the Power of



Thought, only in Thoughts can we strive for the Ideal, like an artist towards a picture already "painted" in his head, like Sergei Rachmaninov, who "heard" his symphony in his head ENTIRELY (instantly the whole thing). But is it possible to rise above space-time entirely by the Power of Thought? In principle, probably not. In principle, as if rising above Reality, one can imagine "instant photographs" of only individual "pictures" or "symphonies" of Real space-time. Abstractly, purely mathematically, you can enter any number of dimensions, but to communicate with Reality you need to clearly understand what the additionally introduced orthogonal coordinate is mapped to. How, in the simplest case, this is done to describe one-dimensionally incommensurate quasicrystals in 4-dimensional space, specifying 2 independent ICS along the C axis. Then for quasicrystals we will immediately "see" all possible states of the crystal lattice with two sublattices weakly connected along the C axis [9]. But for them, 4-dimensional symmetry describes all possible static states, and their projections onto a 3-dimensional "plane" describe the arrangement of atoms in Real Space. With the continuously changing polar time, the Power of Thought can only obtain an "instant photograph" - a "freeze frame" of space-time, and to watch the entire "movie" you again need TIME.

But many modern "luminaries of Science" who are building the Theory of EVERYTHING are initially fenced off from Reality and people by their personal EXCLUSIVITY - the ability to spin formulas in their head (or in a computer connected to it) that they actually deify. And one must be able to READ their formulas (and UNDERSTAND them), and their Thoughts between the formulas, in order to UNDERSTAND where they made a mistake and got confused in illusions. That this "EXCEPTIONALITY" of theirs is not based at all on Fundamental Mathematics, unknown to the average person, but, on the contrary, on the fact that they do not know the Fundamental Principles of Mathematics. That THEIR Basic Formulas were simply once chosen by them, chosen on a whim, without evidence, but canonized in the form of "POSITIONS", which were ordered to be taken for granted by "all mortals". But they twist their formulas anyhow - meaninglessly, chaotically. So, pointing your finger at the sky, it is not only impossible to find Physics, but also impossible to control a computer, and even impossible to slide down a hill on a sled without falling off it. And instilling in those around them the special significance of THEIR formulas: "The accessibility of their understanding only to a select few" (but which they themselves do not try to UNDERSTAND), both provides them with life at the pinnacle of Science, and protects them from the psychiatrist. Their EXCEPTIONALITY lies in their schizophrenic psyche, which prevents them from communicating with normal people. And their EXCLUSIVENESS is hypertrophied self-defense. Some

of them really need protection, but not at the cost of a break with Reality.

And Reality, naturally, is richer and broader than PRIMITIVE schizophrenic fantasies, despite all their sophistication. But the Description of Reality on the basis of ELEMENTARY things - INVARIANTS, is simpler, more understandable, and does not lead to dissonance in the minds of a wide range of people. So, without any mystical imaginaries, on the basis of the World Constants supplemented by the Planck constant, we have both the radii of the resonant orbits of the electrons of atoms - Electronic Orbitals, and their allowed (resonant) energy levels, which in order of magnitude coincide with the Ionization Potentials for all atoms of the periodic table of Mendeleev (orbitals Schrödinger results in a catastrophic discrepancy between calculations and experiments with increasing Atomic Number) [10].

But there is an area of CREATIVITY, where the description of what is unknown to us (yet) - the FUTURE is possible and consistent. It's just that this is not Physics, this is the area of the Higher Harmony of Nature - human CONSCIOUSNESS. And the special name of such a Description of the FUTURE is known - Dreams. And the pursuit of a Dream is not at all a contradictory activity that leads away from Reality, but on the contrary, it is the engine of progress. But in the sphere of Living Nature, achieving the Dream is consistent because it is a desire to increase the Degree of Harmony of Nature, which, by definition of Living Nature, lowers the Measure of Chaos - Entropy. But in Inanimate Nature, where Entropy does not decrease, normal people do not dream of changing the Fundamental Laws of Nature, but dream of UNDERSTANDING them and learning to use them competently. Whereas schizophrenics dream that Inanimate Nature would be arranged according to their wishes - according to their formulas, with particles of God and Black Holes (in the mind of a schizophrenic there is a lot of room for them, as well as for Dark Matters and Energies, because they, by and large, are blind, poking kittens). And within the framework of a market, schizophrenic society, such schizophrenics have achieved a lot by clouding people's minds and leading modern Science away from Reality. But they are not very interested in Reality, because... in modern schizophrenic society they are in demand by the False Economy [11]. Decorations in the Earth Casino are in demand as exquisite trinkets. And schizophrenics take this "honorable" place of exquisite jewelry for their Real significance. But it is not the decorations on the wall of the Earth casino that determine the thoughts of the players at the table, who imagine themselves as arbiters of destinies, but who, without True Science, are simply ignorant. So, out of all Mathematics, they own and use, by and large, only the Arithmetic of MONEY. Thus, leveling the significance of schizophrenic Science in Society leads to many troubles of modern Humanity.

True Science is an IDEAL to which one can only strive. But striving for this IDEAL is a truly Scientific Search. And to get closer to this IDEAL, it is necessary to find true INVARIANTS, while the schizophrenic EXCEPTIONALITY, primarily "Quantization" and "Theory of Relativity", hung in the Casino "Earth" in the form of precious decorations, is DIRT and CRAP, clinging to and clouding the IDEAL.

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