

These are some chosen sentences from individual chapters of the book “*Our illusory physics*” by Peter Jakubowski. If you wish to read also a context to one or another of them, you have to read the corresponding chapter of the book (free available at *Open Science Academy* website).

Prologue

So, why should we not feel good with ourselves in our present Universe, on our planet Earth in our Solar System?

Independent of our knowledge or our faith, we have no possibility to decide, how Nature (as well as God) has to be or to act.

Chapter 1 (“*The whole of modern physics is just an illusion*”)

The greatest thinkable „revolution“ in science means a paradigm change, i. e., the change in our point of view upon the Universe, upon our World we all are living in.

None of the physical quantities we have ever introduced into our physical description of Nature describes existing, original property of Nature.

Chapter 2 (“*How can we create our Universe?*”)

The wholeness of all natural phenomena and processes has to be a product of an original Oneness, independent of the point of view, from which we are starting to describe the Nature.

If we are scientifically oriented, we will prefer, as I do, to call the Oneness the Universal Creative Potential, from which absolutely everything, including, beside our whole cosmic home (with Earth and the Solar System), also our bodies, our thoughts, and our dreams, can be created.

The axioms of the Unified Physics have been simplified and generalized since their first formulation (in years 1990-1992) and the final question of physics: “How can we create our Universe?”, now can be precisely answered.

Chapter 3 (*“What is a paradigm in science and how it can be changed?”*)

A scientific paradigm is a preliminary vision of the world we are living in. In order to change our scientific paradigm we have to change the „background“ vision of our world.

Chapter 4 (*“How does the new scientific paradigm change our philosophy of life?”*)

Since no evolution in our consciousness is possible without a revolution in our thinking, we have to be prepared for some revolutionary thoughts and ideas. Are we ready for them? Let us check the most important new ideas.

Chapter 5 (*“The spirit-matter quantum partnership in our world”*)

The quantum period of any quantum in our Universe

creates its spirituality, whereas the quantum area of this quantum creates its materiality. One of the most exciting new discoveries of the Unified Physics is the observation that a simple product of these two properties of any quantum is the quantum mass.

In our reality, there is no existence without some temporal (spiritual) component, without a quantum period, and there is no experience without some extended (material) component, without a quantum area. The whole observable Universe is a result of a quantized creation from this creating potential of the Universal Unity. The creation is never ending. And all creatures (including us as well as the stars and galaxies) are also co-creators of the Universe. The Universe is changing through every new creature, whether a bacteria, a human being, or a galaxy; and even through any new thought or idea. So, let us change our World simply by thinking about it. If we are thinking positively, the change will also be positive.

Chapter 6 (*"The idea of the Cosmic Hierarchy of the Sun"*)

We can define our Cosmic Hierarchy of the Sun and the Solar System as an energetic arrangement of the cosmic objects in our nearest and the most distant cosmic environment into a hierarchically ordered system.

We are fortunate today to live in an exciting era of the observational revolution caused by the technological development of better and better astrophysical equipment.

All known results of observations, as the interstellar gas

distribution and velocities, Magellanic Stream of gas sweeping away from the Large Magellanic Cloud towards the Andromeda Group, the exactly “measured” distances of our Sun from the Large Magellanic Cloud and Andromeda, and the finally accepted superimposed role of the Andromeda galaxy in the so-called Local Group of galaxies, underpin our here proposed hierarchical order.

Chapter 7 (*“The Undisturbed Motion Law”*)

The main question we are now concerned with is: Why does Nature prefer such natural hierarchical systems at all? Why is it profitable for Nature to develop such highly ordered systems instead of the (traditionally considered as natural) ideal-gas-like systems symbolizing the highest state of disorder?

The new physical law of the undisturbed motion seems to govern the formation of such natural quantized systems. It is based on "seniority hierarchy" of the system components: In any collision-free physical system every younger sub-system takes such an energetic place in the whole system on which that younger sub-system does not energetically disturb the motion of any older sub-system. In other words, every younger sub-system becomes energetically adjusted to the global energetic situation it encounters as the new member of the system.

Chapter 8 (*“The Golden Ratio in Nature”*)

But how can the naturally idealized, undisturbed motion

be realized?

It is the rule of the golden ratio (or golden section) and the golden angle, which allows any natural system to bring the possible energetic disturbance to its minimum.

The golden spiral and the golden angle is the long looked for solution of the enigma of the undisturbed motion law in all natural systems. It is also the main principle of any harmonic flow of energy through the natural systems, the principle of harmony and beauty in Nature.

And I am also very glad to have finally understood the physical background of the prominent significance of the golden ratio appearing in art, architecture, sculpture, and anatomy.

We should be aware that exactly this rosette represents the true orbit of our planet inside the Solar System, and not a single Kepler's ellipse we were indoctrinated in our schools.

Chapter 9 (*"What is life according to the new paradigm?"*)

What is life? This is one of the oldest questions of humanity. In this Chapter we consider this important question in order to demonstrate the new way of thinking and the necessity to change our scientific paradigm as soon as possible.

Are we courageous enough to leave all aspects of the old paradigm ultimately behind us? Let us see how far are we ready to go in a new direction, towards a new solution of our main problem: What is life?

Elementary life is an ability to produce the quanta of spirit-matter with a size of at least 5 nanometers, being stable enough to exist for many quantum periods of the order of picoseconds or longer.

Chapter 10 ("Where did we come from?")

There are many speculations in science around the "blood relationship" of the extinct Neanderthals to our own species, populating the whole Earth's surface today. These speculations are based on a misunderstanding concerning the difference between the theoretical life expectation of a genus, like that of *Homo Sapiens Neanderthalensis*, and the life expectation of a single species, like ours.

The period of *Regular Atlants* (from 22335 to 8757 years ago) has been marked on the diagram below. The absolute sure proof of their existence is simply by our own existence.

On the contrary, our own species was more fortunate than that of tigers, because 6818 years ago, when human beings were in a similar situation - very close to a final extinction, there was no such other bestial species as ourselves on the whole Earth. No one was arranging a systematic hunt for the few survivors of the natural catastrophe of the cosmic quantum jump of the level 5 that reached its maximal intensity exactly 6818 years ago, as shown in the last

diagram. It is the subtle but dramatic difference. We were just more lucky 7000 years ago than the tigers are today.

The members of this exceptional species, independent of their traumatic experiences during their individual biological life on Earth, were “obliged” to fulfill a single task at least, to preserve the biological continuity of their own, naturally dying genus. Those people had had not only to give a birth to a large enough amount of children. These children had had to be secure for a time long enough to be able to continue this indispensable task by themselves. And we have to imagine that the catastrophic geophysical and climatic conditions on the Earth's surface during the cosmic quantum jump of the level 5 had surely lasted over the lifetime of dozens of generations of the last *Atlants* (or the last Neanderthals).

The birth of our own species is not longer the same great mystery, as it was all the time before we have applied the Unified Physics to its explanation. Nevertheless, we now also understand that this was not a light birth.

Only now, in our first global civilization, with its unique technical possibility to build a global network of hearts and minds, we have also a new possibility to “read out” the Universal Quantum Field, the *Akasha* Field, searching for the lost information. It seems that we have now a real chance to change the negative direction of the human development to the positive once again. The primary condition for this change is the obligatory paradigm change, not only in the natural sciences and in humanities, but also in our consciousness. It is exactly what our visionary leadership like the Club of Budapest is trying to reach today. We have to support them with all our

knowledge and intuition.

We have to wake up, to stop our negative evolution in all parts of our World, and to grow again, physically and mentally. There are many fantastic tasks waiting for us in the near future.

Chapter 11 (*“Where are we going in the near future?”*)

On the other hand, the present change of the World is unique during the whole history of the humankind. Today, for the first time in our species history, we all – more than seven milliard citizens of the blue planet – belong to a single global civilization, the first global civilization on Earth.

I am just a physicist. I cannot stop any violence or any misuse of a power. But with this present book, I am trying to show to anyone, who wishes to know, how a simple but rigorous change in our thinking about the World can open quite new perspectives for all of us, the perspectives from which we will recognize, how senseless and even stupid it would be, if we continue to carry on our usual aggression and/or our global passivity in this changing world.

One of such new questions I have recently asked myself is: What can our science learn from our religion?

If we have already changed our scientific paradigm, we are standing on the new-paradigm side (*compare the picture on page 25*) without our previous “physical body”. But we are completely free. Free to build our new “body” of physics without the diseases of the old one. Free to

reach new wonderful horizons.

I have read such old reports already many times in the past decades. The basic questions I was asking myself, when I was reading them, were these: Where have our forefathers got this knowledge from? Where and when they could learn it, and from whom? These are the same questions, which are asked in the ancient archeology, paleontology, and oceanology. And the additional questions arrive: When exactly has our present species originated? Who were the people belonging to our direct predecessors? Did they already live in great civilizations? How advanced were their civilizations? How far were they developed scientifically, culturally, and socially? Now, we see that many of these questions become answerable with our new scientific paradigm. However, we have to be courageous enough to accept also the consequences of these new ideas.

As we see, the new paradigm opens so many possibilities to see Nature from a quite new perspective, that we cannot describe all these new aspects in a single book. Let us treat this present one as an invitation to change our paradigm as soon as possible and to begin the 21st century in our science, culture, and consciousness with no more delay.

Chapter 12 (*"How long are we still allowed to use our blue planet?"*)

Nevertheless, there are still several millions of years for us to live here, and we cannot just sit and wait, and do nothing. We have to live day after day, generation after

generation, and even a civilization after civilization. The next species of our genus *Homo Sapiens Sapiens* will theoretically appear not earlier than in 6760 years. However, it depends only on us ourselves, on the active level of our global humanity, whether this new species will be given any chance to live here, or we will be indeed the very last species of our genus.

On the other side, the hand “5”, standing short after two o'clock, remembers us on our nearly-extinction events 6818 years ago. Therefore, let us forget this one and the higher levels of the Cosmic Hierarchy, and concentrate our dreams and our activities on the solutions of those tasks solvable during the next, say hundred thousand years. There should be enough to do for everyone of us.