

Some leading sentences
from the book "*Unified Physics*"
by Peter Jakubowski

Introductory fragments from Chapters 1 and 2.

(p. 52)

Now, it is time to change our intentions, to stop the run for more and more insignificant publications, for more meaningless Nobel Prizes, and more broken careers of young physicists having no chance to apply their traditionally educated physics in any useful activity. The New Paradigm of the Unified Physics is surely not the last step in the evolution of our physics and our science, but we have to go this step in order to recognize new perspectives for a further progress.

(p. 51)

The traditional physics was a very important component of the intellectual evolution of humanity. It helped us to develop many useful technologies, but also many terrible weapons. It helped to make the life of many of us better, but also the life of majority of human being more inhuman. It helped to better understand our own body, to improve the healthcare of many of us, but also to increase the risks of new illnesses and new toxins. **Shortly speaking, the traditional physics has wasted its opportunities to rise humanity on a higher level of the biological and social evolution.**

(p. 23)

It is the most important task of the science of 21st century to break this horrific tendency, to abandon the Old Paradigm ballast, and to replace it with a New Paradigm of the Unified Physics. No evolution in our global consciousness is possible without that necessary revolution in our scientific background. We have to be aware that no a modification of the Old-Paradigm thinking is possible any more. We have to begin form zero point once again. We have to formulate a new physical background for all sciences based on the New-Paradigm physics, the Unified Physics.

For the **context** to the online-page "[The Universal Force Search Closed](#)" (pp. 78-79) click [here](#).

The final fragment of Section 4.1.

(p. 95)

Quantum **Creativeness**
and its fundamental quantum creations:
quantum **Matter** and quantum **Spirit**

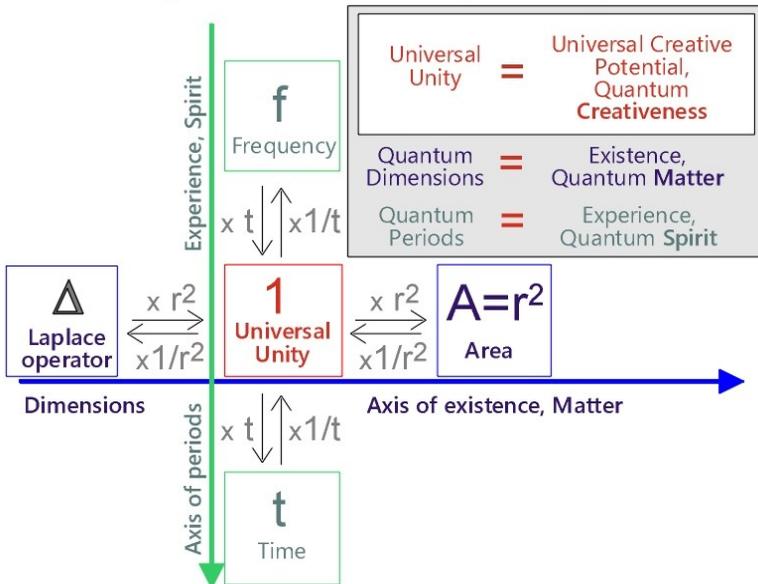


Figure 4. Quantum Creativeness (ancient Oneness, conceptual Universal Creative Potential, and mathematical Universal Unity) as the central element of creation of the quantized Universe. The two inseparable fundamental creations of the Quantum Creativeness are two-dimensional components of Existence (Quantum Area defining general Matter and individual Body) and Experience (Quantum Period defining general Spirit and individual Mind).

(p. 83-84)

As suggested in this diagram, the axis of quantum dimensions defines all those objects that we are used to name material objects, having a non-vanishing quantum area, or size. Therefore, they are traditionally considered as physical bodies. We consider them as really existing. The axis of quantum periods defines all possible changes of those material objects defined "along" the matter axis. Consequently, the diagram suggests that an abstract, temporarily unchangeable piece of matter alone cannot be spiritually realised, that means, mentally perceived. Thus, it cannot be considered as a part of our reality. That means further that matter not experiencing any change in time cannot be a part of our reality. Similarly, an abstract "flow" of time or (more correctly from the New-Paradigm point of view) a periodic circulation not combined with a non-zero area (or size) of a quantum, cannot be considered as a part of our reality, too. Quantum area (spatial size) and quantum time (temporal circulation) are two inseparable aspects of our quantum reality. It is the reason why this natural and universal correlation will be further on interpreted in the New Paradigm of the Unified Physics as Existence-Experience or Matter-Spirit partnership¹:

Quantum Area contributes to the quantum material Existence, and Quantum Period contributes to the quantum spiritual Experience, both being fundamental and inseparable components of our creation of the Universe on the basis of the Quantum Creativeness.

1 Partnership means a creative correlation, whereas duality means a destructive opposition.

The beginning fragment of Section 4.2.

(p. 97)

The continuous evidence of some fundamental "dualities" in Nature suggests that also the undermost base of our physics can be understood as a partnership of the two main components of our reality, spirit and matter. This fundamental partnership has to be found already on the level of a single quantum element of our world. As the eastern Ancients taught us, such a fundamental partnership cannot be realised as an opposite polarity, but rather as a partnership originating from some unifying entity.

In the Unified Physics, as already mentioned above, this unifying entity is the Universal Creative Potential, which has been practically termed Unified Unity, situated in the center of the dynamic plane of the Unified Family of all physical quantities. The two partner-components of the description are the material axis of quantum dimension and the spiritual axis of quantum time. We have also concluded that, in our reality there is no existence without some temporal (spiritual) component, it means without a quantum period, and there is no experience without some extended (material) component, what means, without a quantum area. The whole observable Universe is a result of a quantized creation from the creating potential of the Universal Unity. The creation is never ending. And all creatures (including us as well as stars and galaxies) are also co-creators of the Universe.

The most important fragments of Section 4.2.

(p. 103)

We have already mentioned the answer: what we create is the quantum mass m . It is the most important discovery of the Unified Family of all physical quantities. A simple product of two fundamental creative properties of each quantum exactly results in that quantity which our scientific fathers have termed mass and abbreviated with m : $A * t = t * A = m$. This observation solves the

old mystery of mass, one of the greatest mysteries of the ancient philosophy and modern science; What is mass? Mass of a quantum object with a characteristic period t is a measure of its potential for existence during this period, $m = A * t$, or reversely, mass of a quantum object with size A is a measure of its potential for experience of this area, $m = t * A$.

(p. 108)

$R \setminus C$	-3	-2	-1	0	1	2	3	4
-3	$\mathbf{x} = \mu^n \mathbf{x}_u$ $n = C+2R$ $\mathbf{x}_u = r_u^C t_u^R$ $r_u = 5.074 \text{ nm}$ $t_u = 0.197 \text{ ps}$				-5 \vec{G} gravity factor			
-2		-4 \vec{f}^2 frequency square	-3 \vec{a} acceleration	-2 \vec{c}^2 light-speed square	-1 \vec{f} flux of frequency	0 \vec{F} temporal force change	0 \vec{P} power	
-1		-2 \vec{f} frequency	-1 \vec{c} speed of light	0 $\vec{\Phi}_f$ flux of frequency	1 \vec{F} force	2 \vec{W} energy		
0	-3 \vec{n} spatial density	-2 $\vec{\Delta}$ Laplace operator	-1 \vec{k} wave vector	0 $\vec{1}$ universal unity	1 \vec{r} length	2 \vec{A} area	3 \vec{p} momentum	4 \vec{j} action
1		0 $\vec{\sigma}$ electric conductivity	1 $\vec{\rho}_m$ mass density	2 \vec{t} time	3 \vec{km} linear mass distribution	4 \vec{m} mass		
2		2 $\vec{\epsilon}$ dielectric factor	3 \vec{C} electric capacity	4 $\vec{\Phi}_\epsilon$ optical area				

Figure 14. Complete definition of all physical quantities of the dynamic plane of the Unified Family.

(p. 109)

As we can see in the left lower corner of Figure 14, the traditional quantity of dielectric factor ϵ is a bivector quantity, which has been correctly recognized also in the traditional physics as a tensor quantity. However, we see also once more that the unified energy is a bivector quantity too. That observation immediately explains many

of troubles of the traditional physics. Would the traditional energy be considered as a two-dimensional tensor since the very beginning of the mathematical physics, we would have reached a unification in physics maybe already centuries ago. But it was impossible to realise as long as we have not understood that the quantum time is a bivector too; the quantum time does not flow (linearly), it circulates (in a plane of each quantum of matter-spirit).

The most important fragments of Section 4.3.

(p. 125)

The Unified Physics is also the natural language of the most exciting new branch of science, the life sciences, with their leading domains of bioresonance physics, brain physics, and the emerging physics of consciousness. Analogously to the just above mentioned necessity to redefine our physical definition of the nuclear matter, we have also to redefine the very foundations of physics of the brain matter. The brain matter can only become understood if we realise that the brain substance is a separate class of matter complexity, quite different from any "computer-like" aggregate of the individual nerve cells or microtubuli.

Our Quantum Spectrum of Matter-Spirit contains the necessary physical values of any thinkable properties of materials being interesting for scientists and technologists of the 21st century, working in nanotechnology, biotechnology, life sciences, or nuclear physics.