

The Mathematical and Medical Alliance

Arithmoi Foundation

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The Proposition

We propose a mathematical and medical alliance between the mathematical and medical worlds. For it is that “*un esprit sain dans un corps sain*” can never be purposely done when one does not know what are in itself the body and the mind, and how and why they can interact with one another!

“A healthy mind in a healthy body.”

If our understanding of the body and the mind, in themselves, and between one another, is limited, then how can we expect to maximize the human experience? What we propose is to align the understanding of existence, with living existence in the here and now. It is a practical approach to life through concepts and concrete applications.

The Goal

The goal of the alliance is to broaden the efficiency of medical treatments using advanced mathematical tools.

The Edge

Arithmoi can take medicine to the edge and further: by offering mathematical cohesiveness to the physical assessment of their practitioners, Arithmoi Foundation can provide mathematical tools to the benefit of the medical world.

Concretely, by explaining the physics that they are treating their patients with, using clear mathematics, medical practitioners can take action understanding a broader spectrum of energy. As medical practitioners, by understanding the complete effect of the energy spectrum (light spectrum), we can easily interpret non-extensible events related to the lives of our patients. That's the edge of Arithmoi.

The Spectrum of Discernment

Arithmoi has the most complete spectrum of discernment and application field compossible as we are explaining and giving a framework for both the noumenal side and phenomenal side of existence, as per the Arithmoi Universal Principle (paraphrasing): “*As form expands, anti-form contracts, and vice versa.*”

As we are relaying deep mathematical connections between the extensible and non-extensible domains, we use words to describe mathematical objects. In the ontological mathematics literature, it has been fondly called frequency and spacetime domains, as per the mathematics of the great Joseph Fourier.

In medicine and for those papers, we can call it mind-body, as we have the known phrase even among scientists: “mind over body”. As it is seen by scientists now, is that the mind is nothing but a placebo effect, where it has no clear ontology, nor direction or application. The Arithmoi mathematical method of inquiries can allow one to understand the placebo effect and other such extra-sensorial activities within distinct and clear-headed understanding of the dual-nature of existence: noumenal and phenomenal.

As part of the human specie, and imbued with innate reason, we say and declare “*mind over matter, mind over body*”, when we want to heal with intent. Cultures from all around the world have been using such notion to heal. We can bring this forward now with a rational and scientific perspective, by embracing the mathematics of forms and anti-forms. There is no need for a black box full of non-explication and randomness, to explain the placebo effect. We can simply understand the dual-nature of existence as of mind and body (i.e. frequency and spacetime domains).

They are forces at play, and they all balance out to zero. What we can do is ponder, explore and find those mathematical immutable truths, and use those a priori truths to explain the whole range of experience: from the mind and the body, from the inside to the outside. We can direct a new medicine based on universal mathematical laws and patterns to govern practioners and patients alike, allowing them to judge by themselves, to the best of their reason and logic, with mathematical tools accessing within the physical (body) and beyond (mind).

It pertains that Arithmoi can serve as a basic mathematical and first principle guide to understand, assess and act on bodily events, i.e. phenomenological events.

In the case of the placebo effect, to continue the example, we explain mathematically with the Arithmoi first principles how it can be done, and we can measure it with intent.

How Can Your Discern?

As Descartes pointed out in his essays, letters and books, the senses are limited and can lead you astray. But reason itsel does not err, as Gödel rejoiced. We can use our reason to discern, and our reason can be helped by a mathematical framework that is cohesive,

coherent and complete. This mathematics is being written as we speak, but the method and technique have been amply illustrated already in the existing different papers and books published by the Arithmoi Foundation.

Two Domains, One Sign

There are two domains, spacetime and the frequency domain, or form and anti-form, or extension and non-extension, or implicate and explicate, and there is a link, the tertium quid that eluded all past non-mathematical philosophers. We can assert by means of reason that the tertium quid is mathematics, as all is explaining in mathematical laws. We have the tool (mathematics) and the power (inner determinism free-will) to properly understand the forms and anti-forms of *Life, the Universe and Everything*.

Thus, there are two domains, and many contingent names were used to call them. As Arithmoi, we have a clear set of mathematical equations, functions, theorems and ideas to explain properly how this *Dancing Pair* comes into being. As we reveal actually, it was not let there be light, but rather **light is**. Thus light is eternal, necessary and sufficient. And by its wake it generates a finite contingent and compossible world. Thus we have that *Light Is*, and *We as Light Beings are Becoming into the Extensible (physical) World*.

Frequency Tools to Understand Spacetime

So with our noumenal tools, (1) we can explain phenomenal events. (2) We can also explain the link between the noumenal and phenomenal. (3) We can develop noumenal tools by themselves for subsequent use in analyzing phenomenal events. We thus have the answer to the tertium quid, by providing the equal sign " = ", the proper mathematical engine to govern all physical and metaphysical laws. Mathematics is the tertium quid, the way to access and master this engine, one needs to understand mathematics as they are in themselves, not as seen per the eye of a *Human* beholder.

Thus, what we propose is the Arithmoi mathematical technique of cohesiveness in Mathematics, Physics and Metaphysics. This technique can serve as a highly reliable tool for scientists, while it is also completely governed by necessary mathematics: theories, theorems and concepts that can be understood by the human mind.

Thinking Infinity

Just as one can understand and ponder that $1,2,3,4,5\dots$ goes on to infinity, the mind can access the mathematical infinite, for no other reason than that it is the language itself of mathematics that constitute our most fundamental being. *We are mathematics*. We are light beings, and we instantiate ourselves in the physical world, slowly but surely gaining back our wisdom through phenomenological ventures, enduring the entropy of

spacetime, and gaining more and more inner wisdom. As we organize ourselves mentally, incarnated as spiritual beings in a human body, we can ponder, analyze, better ourselves and gain broader and clearer understanding of the unary language.

Concrete Medicine

The maths we have can be used as a scientist tool to reveal greater phenomenological events, e.g. we can use it for concrete medicine. The maths we have can also explain the gap between noumenal and phenomenal, in that sense we could e.g. explain the placebo effect as having energy implications for the body, as mind over body.

The Easy Target

The placebo effect is an easy target in the war on new medical discovery. What if we can show that intent affects the body? That yes, it is “Mind over body”.

The placebo effect is used in medicine, but it is not understood. What we can provide, is a framework to understand why, fundamentally, the mind has power over the body. When we understand that the human body is governed by the mind, and that mind permeates spacetime, and is not within spacetime, then we can easily understand the fact of life that the mind can have an effect on the body.

The Steps

The first step is to reveal with clear scientific methods that the placebo effect is real. Then we can measure it. This means, we can see that the placebo effect is not equal in all cases. The hypothesis is that the placebo effect is greater accompanied with greater levels of consciousness, i.e. we propose that there are ways to enhance and direct the placebo effect, and we can consider consciousness on an unconsciousness-consciousness spectrum, allowing for the injection of mindfulness into the situation, as patients improve and expand their exploration of the conscious spectrum, they gain power as direct knowledge of their energy potential.

“Knowledge is Power.”

The Conscious Spectrum

The Arithmoi Foundation can define a conscious spectrum, that is a spectrum from unconsciousness to consciousness. By having a clear and simple way to cater for progress on that spectrum in ways of direct and indirect use, we can elaborate methods and

procedures for patients to take control of their energy levels, conscious or unconscious, depending on their location on the conscious spectrum and the ability of the patients to orchestrate and feed this dynamic energy.

What It Entails

If we can explain the placebo effect, mind over body, mathematically, and we can develop and teach techniques to use it, the Arithmoi Foundation can then as an educational foundation increase our service offering with medical and mathematical courses of different formats.

The Crux

The placebo is the easy place to go into the crux of physics/metaphysics in medicine, as they recognize it but don't give it any telos. It's thus a perfect starting point for the Arithmoi mathematics, as we can now go to the crux of the matter.

Measurements

But how can we measure the mind? Can we perhaps check brainwaves activity?

Can we perhaps analyze if a human can access different parts of the human brain. Is it possible, that the third eye is just a brain muscle, that one can learn to activate, and thus access higher frequencies and thus abilities in the noumenal-phenomenal dual-faced world we live in?

Aligning Tools with Theory

The study of Arithmoi in the physical world is simply aligning our understanding of the conceptual world, with our experiencing of the perceptual world. Considering medicine as "*un esprit sain dans un corps sain*" ("healthy mind in a healthy body"), when we understand and train both the mind and the body to align with one another and to be in sync, we can access higher states of being, mentally (e.g. brainwave activity), but also physically (e.g. quicker healing, higher skills, etc.).

Bridging

As stated, with the Arithmoi mathematical framework, (1) we can explain phenomenal events. (2) We can explain the link between the noumenal and phenomenal. (3) We

can develop noumenal tools by themselves for subsequent use in analyzing phenomenal events.

“A proper bridge between mathematics and medicine can collapse the gap between our understanding of the mind and body relationship.”

Perspective

If reality is ontological and epistemological, it can be known by reason, and this knowledge would give power in the physical realm. What Arithmoi posits, is that yes, reality is necessary and sufficient at its core, as it is the only way to ever be, and we can explain all phenomenological events with our Arithmoi mathematical method.

We say mind over body, and we say *“un esprit sain dans un corps sain”*. But as we’ve seen here, the mind permeates spacetime and thus it is in fact that the body is within the mind, so it would be *“un corps sain dans un esprit sain”*. Perhaps this simple change of perspective is alone sufficient to allow a living and active mind to unlock the secret of the placebo effect, at will, with intent, consciously, living and evolving. It would thus be in fact: *“A healthy mind permeates a healthy body.”* Or in a simpler, and more direct way:

“A healthy body in a healthy mind.”