

UNITY-CODE *PLUS*

-Why Everything, even Quantum Physics, is based on
the Super Simple Energy-Code *Plus*-

by
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ABSTRACT

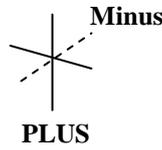
The universe is the continuous presentation of just one single piece of information. This is based on mathematics as a process with only one rule, in which energy and information are the same: *PLUS*. By recognizing this mathematical simplicity as the primordial premise, the energy-code “*Plus*” becomes the timeless app which serves as the basic code or principle for all processes in the universe and is easy to use for everyone.

Scientists from all areas claim that all processes in the universe are based on simple rules. The physicist Seth Lloyd, who sees energy and information as complementary features, describes the universe much like a quantum computer that started out with simple formulas. Astrophysicist John Gribbin speaks of “*Deep Simplicity*”, David Bohm of “*Wholeness and Implicate Order*” when it comes to describing the active foundation of the universe as simple, cyclic and omnipresent. Heisenberg and Dürr saw a basic code for vitality encoded in the uncertainty principle, and physicists like Bekenstein stress that the future of physics lies with understanding how information—which Anton Zeilinger, for instance, sees as the key ingredient of the universe—is passed on between systems. Robert Laughlin refers to simple emergence, string theory to continuous vibrations or branes as the simple building blocks of reality. The universe itself is thought to stem from an eternal process of inflation by Guth, Linde or Vilenkin that has its base in an energy-rich void. Different theories from Neil

Turok, Paul Steinhardt or Roger Penrose see the universe as a cyclic occurrence, while Max Tegmark considers pure mathematics to be at the core of a multiverse that continuously adds new universes. Scientists like Capra, Dürr, Wheeler or Chopra showed the correspondence between quantum mechanics, Eastern philosophy and the concept of self-reference, of cybernetic feedback loops. Management experts, neurologists, biologists like Lipton or Kauffman, chemists like Prigogine, mythologists like Campbell, etc. they all point to **simplicity, unity and cyclicity** underlying all aspects and processes man can encounter. Theories like chaos theory or systems theory in general do the same. All these different paths of integrating the polar conditions of our universe result in space- and timeless features, as unity, cyclicity and simplicity are recognized regardless of where or when one observes nature. In much the same way, space- and timeless features of quantum mechanics and general relativity are being used by Hawking, Vilenkin, Krauss or Loll, Ambjørn and Jurkiewicz to show that a universe with 4 dimensions can arise from nothing or a self-similar emptiness. Be it simple play- and design principles as George Smoot alluded to at the TED Conference in 2008 or a future that creatively helps shaping the universe by means of a feedback loop as Paul Davis describes, it always connects with the insight by John Gall that a functioning complex system can only evolve from a simple system that works. In line with this Paul Davies and Sara Walker describe an Algorithmic Origin with regard to life.

Progress in understanding active unity was always accomplished by bringing together seemingly opposite or separated aspects of reality. Einstein, who always sought simplicity as a path to finding basic, underpinning clarity, united energy, space, time and matter as well as the past, present and the future. Quantum mechanics united the flow of time, timelessness as simultaneously existing probabilities and eternal activity to understand all as being based on a universal code for action with its energy base in the void. In this sense, I united the seemingly separate, basic mathematical features *plus* and *minus* in one all-encompassing, active and timeless code: *PLUS*. It can be shown how 3-dimensional space itself serves as the very presenta-

tion of the unification of Plus (+) and Minus (-), thereby representing the universal code for action in one very simple structure.



PLUS and Minus added together as one constituting 3-dimensional space. Everyone can see how the universe works.

Since “PLUS” has a dual meaning and stands for both “*MORE*” and “*ADDING UP*” at the same time, the code “PLUS”, simply put, includes “*Minus*” as “*More*”, and as “*More*” according to the code always gets added up to become “*More*” again, a **cy-clic, uniform and yet timeless** formalism can be recognized in space that creates everything—including time—through countless repetitions. As “*Plus*” and “*Minus*” (or *More which also stands for multiplication, division, uncertainty, instability, multi-verse, higher dimensions, probabilities, etc.*) are one by definition, the timeless formula becomes: $Plus=Minus=Plus^1$. Since “*More*” always also represents “*Plus*”, the realm of unity and timelessness is never left: “*Plus*” therefore is non-existent at its very core: it is the energy-rich, continuously active, eternal nothing or void from where all starts. This unity causes the equation to be universal as it does not view any kind of possible “*More*”—diversity, an infinite number of possible paths or alternatives—as a divergence from its informational *Plus*-premise. The informational net result of anything then is that “*Nothing ever happens*”, because all can be regarded as “*Plus*”. This is energy.

The simplest mathematical formula with numbers and signs to illustrate “*Plus*” is: **1+2=3** (easier to understand than $1+1=2$ or $1-1=0$ which states the same Plus-premise.)

$$1(\text{Unity, Plus}) + 2(\text{More, divided unity, “less” unity as Minus}) = 3(\text{Unity of 1 \& 2; Plus})$$

¹ **Note: this is not a (recursive) algorithm.** It never leaves its unity, it does not cycle back in time. That is why one can get different interpretations of “PLUS” without them first having to be produced in time. “PLUS” is a principle. This is information, from the Latin origin *informare*: actively bringing something into form.

Consequently it can be demonstrated how energy (that can't be created or destroyed), time, matter and space as well as the mentioned findings and insights of physicists describe or reveal different manifestations of the simple rule "*Plus*": be it Einstein's findings, quantum mechanics, vibrating strings from string theory, the theories of inflation, a detailed look at electromagnetism, the Higgs mechanism, theories about a holographic universe, dark energy and growing entropy or fun stuff like quantum entanglement, wormholes or the warp drive, "*Plus*" (nothing) serves as the underpinning.

This simple, easy to use app "*Plus*" can also be shown to function as the premise of all processes man encounters: from cosmology to evolution to economics to organic farming to understanding responsibility, to mythology, philosophy and film plots, from investing to management to health, fitness and cooking. "*Plus*" works as a simple, timeless app, as the alternative to the chaos of information.

LIFE. Life is an example that highlights how all of man's implemented processes are based on *Plus*: Life is easy to understand if you compare it with a molecule. Based on the equation $+ = - = +$, a molecule (*Plus*) receives information (*More/Minus*) and reacts (*Plus* as adding all up and starting a new cycle). The molecule will produce *More*: either by falling apart and becoming more parts (*Minus*, *decay*) that will be integrated by the environment (*Plus*), or the molecule will grow (*Plus*) itself. Energy is never lost as all is *Plus*. In order to get to this insight, that all is *Plus*, one must understand that *More* (*Minus*) is actually *Plus*. This is self-awareness: *Plus* treats *More* (*Minus*) as *Plus*. Self-awareness uses *More* to produce itself (*Plus*). The first hereditary molecule, the RNA, replicated itself as well as proteins (*More*) which it integrated along with lipids for its benefit (*Plus*). That is also how one eventually gets metabolism, for instance, and as itself (*Plus*) is the same all the time, one gets timelessness and activity building something timeless: *Plus*, evolving or more Self-Awareness. If the focus switches to *More* (decay), life gets in trouble, either through cancer, for instance, or a polluted environment (*more* pieces of trash). Planets that exhibit the superposition of many cycles and influences can create

an “*All-is-Plus*” awareness that replicates itself using *More* in form of matter particles.

So the elements of **evolution** as described by Darwin and in other more recent cyclic formalisms like Lipton’s computing chip-like cell membranes, Novak’s five levels of cooperation, Prigogine’s unity- and time density, Capra’s network relationships, Penrose’s, Hammeroff’s and Chopra’s inclusion of recognizable, quantum mechanical influences, etc. can be shown to be an interpretation of *Plus=Minus=Plus*.

PLUS: the energy, the personal condition: **1**

equals: becomes

MINUS/MORE: 1. Mutation as the inner *More* and 2. Selection as the integration, the adding-up of the outside *More*: **2**

equals: summing up all

PLUS: a systematic overview including all paths: the personal condition (Plus, 1) and the More (Minus, 2) as the all-inclusiveness (Plus, 3) that becomes a new cycle aiming to promote *Plus*²: **3**

QUANTUM MECHANICS. The cycle of *Plus=Minus=Plus* also depicts the phases that can be recognized in the quantum mechanical measurement process as described in the Copenhagen interpretation of Quantum physics of which Heisenberg gives an account in his book “*Physics and Philosophy*”. **Plus** (the electron) *equals* (becomes) **More** (propagates as a number of alternatives based on its initial Plus-condition) *equals* (all, including the observer and environment, is summed up) **Plus** (intensity of unity as one possibility).

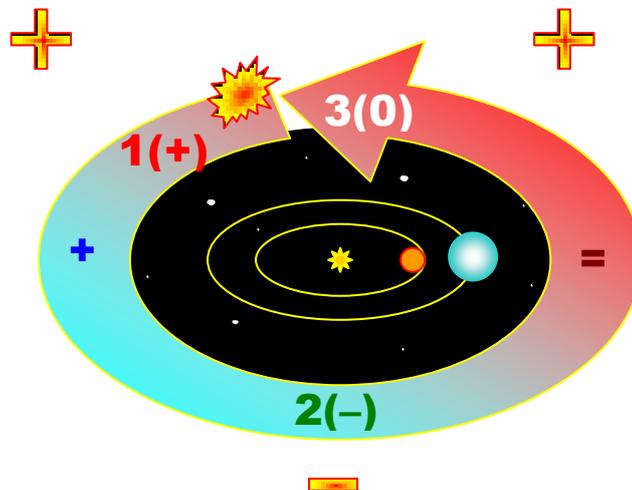
² As life sees all as Plus, even *More*, and is replicating and growing itself, it is *more* attached to cyclic time (phases, *More*) and therefore subject to irreversible, forward heading transformations. If the focus is *more* attached to movement through space (unity) like in deterministic equations of Newton, Einstein or Schrödinger, processes are time-reversible. In his Nobel lecture Prigogine pointed to the variety of time perceptions. *Plus=Minus=Plus* allows for both approaches: reading the equation forwards or backwards. However the arrow of time (becoming *More*, the forward direction) prevails, as *More* is *Plus*’ first aspect.

THE ELECTROMAGNETIC WAVE. The electromagnetic wave itself also reveals *Plus=Minus=Plus*: **Plus** (energy as a quantum of energy like a photon) *equals* (becomes) **More** (Expansion as More in unity which—without going into detail—is embodied in a wave pattern) *equals* (summing all up: the frequency that relates to the quantum and the number of photons per second per unit area) **Plus** (the total energy of the wave)³.

Latest research results, as mentioned by Pollmann in her article „*Mit allen Quantenmitteln*”, show that organisms make use of quantum entanglement, and since *Plus=Minus=Plus* is used as a timeless code, it becomes clear that all processes: film plots, economics, investing, farming, learning, etc. emulate this pattern with man having to emphasize “*Plus*” over “*More*”. *Less* (*Plus*, concentration) is “*More*”.

Respect for nature is necessary because however beautiful we may find the constructions of our imagination, if they are meant to be representations of the natural world we must take those constructions humbly to nature and seek its consent.

Lee Smolin
(Art, Science and Democracy)



... truth always turns out to be simpler than you thought ...

Richard Feynman
(The Character of Physical Law, 1992, p.171)

³ More examples regarding quantum entanglement or the warp drive concept can be found in the article „*Unity-Code Plus as exemplified by 3-dimensional Space*” on www.george.hohbach.com.

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