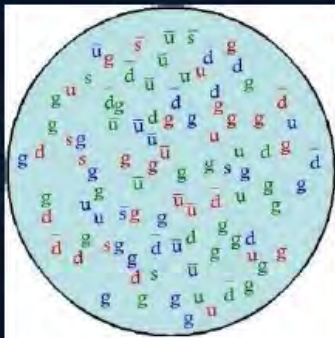


Homeostasis: The Matrix

Quote from [Wikipedia](#): “In **biology**, homeostasis is the state of steady internal, **physical**, and **chemical** conditions maintained by **living systems**”, e.g., the hypothalamus regulates “**metabolism**, reproduction, eating and drinking behaviour, energy utilization, osmolarity and blood pressure.”

In Platonic theory of spacetime, the entire Universe is modeled as a **living organism** possessing *steady states* maintained by the Platonic **matrix**: p. 5 and p. 7 in *The Fifth Force* and pp. 5-10 in *Notes on Spacetime Engineering*. Thanks to the Platonic **matrix** (see [Slide 12](#), [Slide 10](#) below, and [Werner Heisenberg](#)), there is no *direct* mind-matter interaction (*ibid.*, pp. 13-14).

Atemporal Quantum Reality: Proton's Mass



How about spin-2 Higgs-like boson at 14 TeV?

Only about 1% of proton's mass can be traced to **quarks** (two up quarks and one down quark), whereas 99% of its mass belongs to Quantum Chromodynamics (QCD) binding energy. Imagine zillions of quarks (u,d,s), antiquarks (ū,d̄,s̄), and gluons (g) zipping around near the speed of light, banging into each other, and appearing and disappearing from QCD vacuum (Strassler 2010): they are able to assemble proton's **mass** of 938 MeV/c² with error margin of just *one* part in 10⁴⁵ (Dolgov 2012), for at least 10²⁹ years.

What phenomenon could create 10⁸² **identical** protons?

Slide 10/19

NB: The **physical partition** of the Universe is being guided by the **matrix**, since **time zero**, to evolve by **pre-established harmony** as a *living organism*. No need for any “**anthropic principle**”.

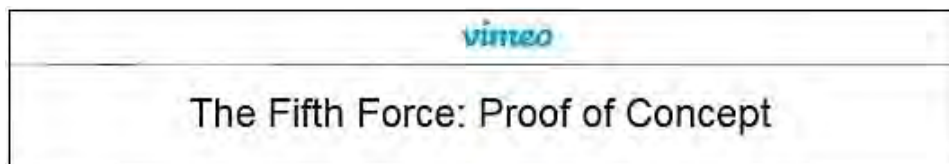
To fully understand the **matrix**, read *Where Does Knowledge Come From*. Your **prenatal brain** was growing with the rate of about 250,000 nerve cells per minute or roughly 4000 per second, so that you can think (*ibid.*, p. 2). Some people use **the force** of the **matrix** for **entertainment**. **Big mistake**.

But what empowers the **matrix**? The **fifth force**: “We must be prepared to find a new type of physical law” ([Erwin Schrödinger](#)). What we know for sure is that, in the human body, the magnitude of the fifth force is *tiny*.

So, what is the origin of the [fifth force](#) in the physics of Life? Let me first explain what it is not. For example, it does *not* come from the [Na/K pump](#). In cellular biology, what we call '[active transport](#)' is "the movement of molecules across a cell membrane from a region of lower concentration to a region of higher concentration, *against* the [concentration gradient](#). Active transport requires cellular energy (Sic! - D.C.) to achieve this movement."

That's it: cellular energy. Nothing else. In our case, we are looking for a [brand new phenomenon](#) – the [fifth force](#). In current physics, it may look like some "[Maxwell demon](#)": read p. 3 in [The Fifth Force](#). Of course, there are no "demons" in the [physics of Life](#). The *active* transport is executed by the gradient in the [physiology of activity](#) (N. Bernshtein, p. 13 in [Intro.pdf](#)).

Namely, by the difference between [the Ist Wert and the Soll Wert](#). Then follows the idea of *biocausality* from January 1990 (p. 3 in [history.pdf](#)). For more, read closely p. 4 and pp. 9-10 in [The Fifth Force: Proof of Concept](#).



People here say – hey, what can you achieve with such terribly weak force from the temporal gradient in [the Ist Wert and the Soll Wert](#)? It depends on *where* you can "insert" the [fifth force](#). What could be the magnitude of the force to work in [nanotechnologies](#)? And keep in mind that the energy from the quantum vacuum may be "about 10^{-9} joules per cubic meter", yet it *cannot* be determined, because it may *also* reach "INFINITY" ([J. Baez](#)).

Can we scale up [the fifth force](#)? Is it rooted on the [quantum vacuum](#)? What else? I contacted many laboratories in [Europe](#) and in [Israel](#) – the only way to verify [the fifth force](#) is under controlled laboratory conditions, under the supervision of the physicists there. They will be the judge. The jury is [out](#).

As I wrote earlier (p. ii in [The Physics of Life](#)), the immediate application of [spacetime engineering](#) is [Reiki](#). It is made of two Japanese words: *Rei* which means "Higher Power" and *Ki* "life force". You won't need [math](#) to fix the functional disorders in your body or in those of your patients/clients (p. 1). The energy of [Reiki](#) is again the fifth force, but rooted on God (1 John 4:8). Read Q1 on p. 5 in [The Fifth Force](#). But how about the [climate catastrophe](#)?

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