

## ON THE IMPENETRABLE MYSTERY OF SUBJECTIVE EXPERIENCE IN PHYSIOCHEMICAL WORLD

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One of the deepest mysteries of existence and Nature, not just in neuroscience or in biology is the existence of the Soul.

I recently outlined my solution of the problem of abiogenesis in a lifeless Earth, the first billion or so years. My theory works there with a purely chemical compromise for the living being. I accepted, for that problem, that self-replicating RNA molecules *count* as life.

Now I will leave the realm of accepted science to a greater reality. I do not believe that embodied life is all that exists in the universe; I am quite convinced, for subjective reasons let us say, that I have lived in the universe for millions of years, continuously, and have been born as human being twice. We are in the late stage of an empiricism dominated world. Today, we are compelled by totally fantastic stories of how conscious life is completely reducible to three dimensional chemistry and likely to be skeptical of the soul without a body. Well the latter is the truth. Soul lives without the body. It is difficult to accept within the wrong physics model. In the right one, my Four-Sphere Theory, it is instantly acceptable. For in truth there is a vast unseen objective fourth macroscopic spatial dimension in the universe. Objective evidence does exist for this, and the anomalous rotational symmetries of orders 4, 8, 10, and 12 do not occur naturally in three but are four-dimensional crystal symmetries.

I like Jaak Panksepp's seriousness and effort quite a bit, although I am not compelled that there is a conscious soul that is not four-dimensional that is being born after fertilisation of the egg. Parsimony principles are not enough in this case. For example, I believe that I had some options to choose before birth and I erased all older memories and entered the fertilised egg of my mother sometime in 1973. And I had memories of millions of years of life in the universe to which I do not have clear access.

Ah, you wish rather to believe that from within the fertilised egg, my parents genome merged to become mine, and a certain part of that genome formed the proteins for the structures of my subcortical and other elements of my brain, and my mother's womb nourished my fetus and my brain grew from this point on, and I became conscious at some point and that was my beginning, and when I die, this will be the end for me. You wish to tell me that I should not have deluded ideas about anything before such a moment, week number  $k$  before which certain molecules were causing delays to the formation of such and such a part of my emotional systems. You will point out to the enormously busy set of operations of DNA and RNA and complex constructions of proteins so that I would open my eyes and live. You will say, "Zulf you cannot believe in fantasies. Your life began at this moment over here, in 1973." That's nice. That's nice, and I am pleased that you are

concerned that I do not go outside the bounds of your three dimensional chemical reduction of life. That's good for *your sanity*. You are more pleased with your reduction. You are have saved your great reduction, of life to three dimensional chemistry. And in order to preserve your great reduction, your feeling of certainty, you would rather that I forget millions of years of history of my own soul. That's good for you. I am pleased. But no thanks.

You see, there is truth in the soul, and then there is convenient scientific reductions, so that scientific objective stories are smooth and without any creases. And reduction of life to three-dimensional chemistry is not true. It's one of the mythologies that you have allowed yourselves to accept because it makes things just a bit more convenient for you. It's a convenient lie.

### 1. SCIENCE IS NOT A GAME BUT SEARCH FOR TRUTH

Science is not a game of accounting. Sometimes, the game of accounting is necessary in Science. But Science is not a game of accounting. As much as I admire and respect Jaak Panksepp, and think highly of his considerations, I am not compelled by his origin of the self by neurochemical means. Here he is accounting. I am going to tell you my story and return to this. Neuroscientists are mostly biochemical, and therefore are happiest when they can produce theories that *reduce* to biochemical accounts. They want to be able to say that if you are interested in whatever esoteric psychological phenomena, why don't you take a look at my theory that biochemical compounds ( $A_1, A_2, \dots, A_k$ ) are involved in a circuit, some of them DNA, some protein enzymes, some structures that generate some neurotransmitters, and this circuit will be the elementary account of the psychological phenomenon of interest.

This is a sophisticated form of accounting, and I like it for many problems. But I do not accept this sort of game for the explanation of the soul, because there is more to the universe; there is S4 Electromagnetism, and there is an alternative explanation to these stories that I will give right away.

My soul, purely electromagnetic, living, entered the fertilised egg of my mother, with erased memory from past, and then just waited for the body to develop of a fetus, waited for DNA of my parents to produce the various adapted mechanisms of the human living tissues.

Now if your point of view is quite different from mine, you will say, but that's not the parsimonious explanation assuming that life reduces to chemistry. That's right. It's not the parsimonious explanation if you assume, wrongly, that life reduces to three-dimensional chemistry. *That* is a major folly of current science. There is much more to life than the chemical reactions. It's easy to understand after a while. Life is too robust, needs to be too robust, to be left to chemical reactions. There is much more strength to life, and there is much more to the electromagnetic phenomena that is not physical in life.

### 2. WHERE AM I PUTTING THE DIVISION OF FAITH AND SCIENCE?

My soul existed without my body for many millions of years in the universe; that is my faith. But after entering the fertilised egg of my parents, I was impotent till my body formed again, not even having the ability to remember or have thoughts till the genes did their magic in my mother's womb.

Today, the latter part of formation of the biochemical organs is better understood. I draw the line at *there was no new life that formed but I was living before*

*then as soul and entered the world as the child of my parents.* I offer no evidence today of that past, but assure the world that such things will be absorbed into Science after Four-Sphere Theory is properly understood and *observational tools* become available in the future. Science does not gain by considering things complete when the actual truth of Nature is something else. Here I trust my faith more than extant science about my past.

### 3. SPECULATIVE THEORY OF DISINCARNATE CONSCIOUS SOULS WITHOUT PHYSICAL BODY

The physical universe is an evolving hypersurface  $M(t) \subset S^4(R)$ , an eternal four-sphere. Things in the universe are composed of spinor fields, and the law is my S4 Electromagnetism that operates on the entire eternal four-sphere  $S^4(R)$ . Now physical world is  $M(t)$  and here organic life is composed of carbon-based polyatomic molecules that are familiar, DNA, RNA are A,C,G,T,U, and there are 20 amino acids for proteins. That's fine. Now I consider construction in  $U(t) = S^4(R) - M(t)$  at every moment. There may be no polyatomic carbon compounds here but only structures made of *magnetic monopoles*, and so a Soul can be connected to a body of sorts that could have complexity and functions comparable to living tissue as we know it but be completely non-physical.

I will speculate that disincarnate Souls are thus able to 'live' in the universe for millions of years having *Conscious* experience, albeit not exactly the same as having a human biological brain.

I will speculate existence of extremely complex and vastly sophisticated structures in  $U(t)$  able to accomodate Conscious Souls. The universe has existed for infinite time and existence of complex organised structures is not a deep mystery to me. Then you can have Disincarnate Conscious Souls living in  $U(t)$  for millions of years and deciding to give up all of their infrastructure for Consciousness and enter a human fetus to have a human life and there is little loss of continuity in Consciousness.

The point is that human life is human life, say 60-70 years from birth to death and it has its character. There is for me little to tell me that there is life of an entire different character for a living Soul that extends for millions of years where something quite different is going on, with a different clock and different rate of activity etc.

In the end it will be a matter of observations by indirect means to piece together a correct theory, but Nature is quite a wild place and there are many things in Nature for which we do not have clear knowledge.

You see, Conscious Life exists in an Eternally Recurrent Universe. A great deal more sophistication ought to be the case in  $U(t) = S^4(R) - M(t)$  than our current Scientific Prejudices consider *plausible*. The variety of sea life is not actually plausible for a boy living in a Medieval desert village, but we know it exists. Similarly we have very little idea of what life exists in the vast  $U(t) = S^4(R) - M(t)$ . And yes, we can learn one day. It's not good Science to seal up half of the universe and glibly claim victory with three dimensions. That's outrageous folly.

### 4. FUTURE CERTAIN KNOWLEDGE OF SOULS IS POSSIBLE

Measurement of subtle issues of Four-Sphere electromagnetism will be the next step to Man's journey into understanding far more beautiful and finer structures

of life in the Universe. And then there are vast worlds to understand in this Eternally Recurrent universe. Conscious life fills the universe, and there are millions of humanoid worlds of Angelic Races, most not so close to Milky Way or Earth. But they exist in vast numbers. We are not only not *alone* in the universe, but we are not particularly developed as a Civilisation yet compared to worlds that exist. The knowledge of Human Race, our knowledge, about objective complexity and beauty of Nature will grow slowly, and we will have deeper answers that slowly reveal finer truths.

Character of Human Beings is subtle, and important. You should never give any power to degenerate malevolent Characters like Bill Gates. These are grave errors of the Human Race. Be careful with these cunts; kill them before they mature. Four-Sphere Theory is necessary for progress. It's not a small step; it is part of Absolute Truth. And you will learn much more about Beauty of Life in the Universe in the coming centuries. Do not be arrogant, my Beloved People, the Human Race; nor be overly humble. You are a Great and Noble Race, and there are many among the stars who smile upon you.