Note on Physical Theology

Physical theology is based on the doctrine of trialism, according to which there are two complementary paths toward understanding Nature: see Fig. 5 and p. 5 in The Physics of Life at chakalov.net. Notice the so-called evolution equation at p. 28 (last) in The Physics of Life:

\[ |w|^2 = |m|^2 + |m_i|^2 \quad \text{(Eq. 1)}. \]

Eq. 1 can be rewritten as

\[ |0|^2 = |0|^2 + |0|^2 \quad \text{(Eq. 3)}. \]

Eq. 3 corresponds to John 1:1:

In the beginning was the Word, and the Word was with God, and the Word was God.

The creation of the Universe at ‘Time zero’ is the atemporal transition from Eq. 3 to Eq. 1: a perfectly quiet and smooth (no “big bang”) polarization of the right-hand side at Eq. 3, leading to Eq. 1. Namely, at Time zero the difference between \(|m|^2\) and \(|m_i|^2\) is already tending asymptotically toward Time zero, but can never actually reach God: once created (John 1:1), the Universe is already eternal. The total mass-energy of the physicalized 4D partition is being perpetually re-created and re-balanced at zero (not “conserved”), in line with Eq. 1. Thus, at every consecutive 4D instant ‘here and now’ from the arrow of Time, God lives inside us at absolute infinity, being located exactly (not asymptotically) at Time zero.

In the physicalized 4D partition of the Universe, governed by the so-called Relative Scale (RS) spacetime (p. 14 in The Physics of Life), the rate of the light-travel Time (ibid., pp. iv - v) tends asymptotically both toward zero in the Small and toward infinitely-large in the Large. Physically, it is impossible to actually reach the Time zero at absolute infinity, not even with thought experiments. Recall the Thomson’s lamp paradox and the dichotomy paradox, and think about a grasshopper jumping half the distance to a wall (Time zero) each time it jumps, but never actually reaching the wall/end point toward the Small or the Large, and stop there:

If the rate of the light-travel Time (read above) is rescaling the invariant spacetime interval as “slowed down” toward the Small and “speeded up” toward the Large, the 4D grasshopper could never actually reach Time zero by freezing the rate of its light-travel Time exactly to zero, nor could it “inflate” the rate of its light-travel Time exactly to actual/absolute infinity to actually reach the unphysical Platonic state of the Universe, which wraps the physical world “under” the Small and “above” the Large. Physically, the Beginning at Time zero and the End at Time infinity are indistinguishable. Hence God (John 1:1) is a unique mathematical object, quietly residing within every consecutive 4D instant ‘here and now’. We need Mathematics.

Again, the physical theology is the natural extension of quantum gravity and cosmology. It is not religion and we do not address the question about God as Love (1 John 4:8). In the doctrine of trialism, there are two complementary explications of Nature (p. 5 in The Physics of Life): the Universe as ONE (physical theology), and God as eternal Love. Choose what suits you best. Or both.

D. Chakalov
30 August 2021, 14:32 GMT
Dear Colleagues,

I wonder if you would be interested in physical theology, http://www.god-does-not-play-dice.net/quantum.pdf

My first presentation was delivered on 23 March 1994 at the Conference on Science and Theology (ECST V) in Freising near München (March 23-27, 1994), but the organizers of ECST V did not publish it. More on physical theology, as the natural extension of quantum gravity and cosmology, can be read at my website below.

Kind regards,

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