

# ZULF'S FEBRUARY 15 2022 ANSATZ FOR ETERNAL TRUTH AND FINAL THEORY OF MACROSCOPIC NATURE

ZULFIKAR MOINUDDIN AHMED  
ZULFIKAR.AHMED@GMAIL.COM

Today, looking over various books on Classical Electrostatics and Electrodynamics, I feel quite clear that the Eternal Final Theory Of Nature will be clearly my four-sphere theory. I had slowly developed clarity regarding a number of things over a decade. First, the geometry of absolute space and absolute time. It is

$$S^4(R) \times \mathbf{R}$$

This is the *certain geometry of Nature*. None of the other theories of space and time matter, but this geometry and only this geometry. With certainty of this geometry, we have *spinor fields* smooth spinor fields in  $\Sigma S^4$  with  $R = 1$  instead of  $R = 3075.69 Mpc$ . Then we have the natural Dirac operator  $D$ . We have a wave equation involving  $D$  and time derivatives for spinor fields. We can have distributional and measurable spinor fields. That is the mathematical setting.

Now the ansatz is to traverse back in time to eighteenth and nineteenth century and systematically solve a puzzle of fitting all experience of electromagnetism in this setting. Particles are Dirac eigenspinors, and we follow the rule that we do not introduce ad hoc models of particles and just use the minimal mathematical infrastructure of four-sphere theory. This procedure, implemented, will give the Final Eternal theory of Physics of all phenomena above  $\delta = 10^{-15}$  cm. And there will be nothing more to macroscopic physics.

The key insight for the day is that E. T. Whittaker's history of electromagnetism and other older texts about history contain all the detail and excitement of the period of *first discoveries* from Augustin Coulomb's works to Michael Faraday's and so on. Maxwell's electrodynamics come in 1860s. But what we have in four-sphere theory is a much more mature *mathematical infrastructure* that is strictly richer than anything available in nineteenth century, and so we expect that this ansatz will succeed and give profound clarity regarding unity of all of Nature (at lower energies) that is mathematically perfectly coherent and there will be further discoveries but four-sphere theory is too rigid and tested numerically sufficiently deeply that we will have eternal complete knowledge of Nature.

Obviously granularity of understanding will change in the future, but at the granularity that I am presenting here, this will be Eternal and unchanging Final Theory of Physics that can never be challenged and whose mathematical clarity is substantially superior to all previous theories.

So all atoms and molecules will have *deterministic dynamics* and a great deal of confusion due to *quantum mysticism* will be removed from physics. I am very pleased with this. This is really a beautiful moment in time for Man's Understanding of Nature.

---

*Date:* February 15, 2022.

Now I am not going to do this whole project myself, for I do not have the energy to do it but it's clear that this ansatz will end uncertainties that have been in Physics for 350 years permanently.