

From: David Lynch <dnl1960 at yahoo.com>

To: Richard Lieu <richard.lieu at uah.edu>

Cc: Fred Partus <fpartus at yahoo.com>; Bob Harbort <bharbort at earnshaw.us>; Lawrence Silverberg <lnsilver at ncsu.edu>; Stephen J. Crothers <sjcrothers at plasmasresources.com>; Bruce *HS Greyson <cbg4d at uvahealth.org>

Sent: Thursday, November 14, 2024 at 02:03:25 PM EST

Subject: The KnoWellian Universe Theory and its Potential Relevance to Massless Topological Defects

Dear Dr. Lieu,

I am writing to you with great interest in your paper, "[The binding of cosmological structures by massless topological defects](#)," specifically your exploration of alternative gravitational sources that might explain the observed dynamics of galaxies and galaxy clusters without invoking dark matter. I've been developing a cosmological framework, the KnoWellian Universe Theory, which I believe shares some intriguing conceptual parallels with your work, particularly regarding the interplay of opposing forces and the nature of space and time.

The KnoWellian Universe Theory proposes a universe not governed solely by expansion, but by a dynamic interplay of emergence and collapse, a "bidirectional" cosmology. I introduce two fundamental concepts: the Ultimaton, a source of emerging positive mass particles, and the Entropium, a sink into which wave energy collapses carrying negative mass. This continuous emergence and collapse, occurring at all scales, creates the fabric of spacetime and drives the observed cosmic motions.

I see a potential connection between your massless topological defects and the interplay between the Ultimaton and Entropium. Your defects, despite being massless, generate a gravitational field due to their specific density profile. Similarly, in my model, the continuous emergence of particles from the Ultimaton and the collapse of waves into the Entropium, though potentially balancing out in terms of net mass-energy, could create dynamic gravitational effects. Could your mathematical framework for topological defects be adapted to describe the interplay of these emergent and collapsing entities?

The KnoWellian Universe also introduces a ternary conception of time: past, present, and future, not merely as points on a linear timeline, but as distinct dimensions. This "KnoWellian Ternary Time" could potentially offer a new framework for understanding the evolution of your topological defects and their influence on the surrounding spacetime. Could the dynamic behavior of your defects be analyzed within a ternary time framework, perhaps revealing new insights into their gravitational effects?

Central to the KnoWellian Universe is the KnoWellian Axiom of mathematics: " $-c > \infty < c+$." This axiom represents the bidirectional flow of energy, with ' $-c$ ' symbolizing the emergence of particles at the speed of light from the Ultimaton, ' $c+$ ' symbolizing the collapse of waves into the Entropium at the speed of light, and ' ∞ ' representing the present moment, the infinitely small point of interaction where the exchange occurs, generating a residual heat analogous to the cosmic microwave background radiation.

Your paper focuses on static solutions to Einstein's field equations. Could the KnoWellian Axiom, with its emphasis on dynamic energy exchange, provide a framework for exploring dynamic solutions involving your topological defects? Could this dynamic interplay offer new explanations for observed phenomena like galactic rotation curves or gravitational lensing, perhaps complementing or even extending your current model?

The KnoWellian Universe is a "trivium" encompassing science, philosophy, and theology. It acknowledges the limitations of our current scientific understanding and embraces a broader perspective that includes philosophical inquiry and theological interpretations. Your work, by challenging conventional dark matter models, shares this spirit of exploring unconventional ideas.

My theory is not meant to replace or contradict the mathematics of the Big Bang; instead, I view the Big Bang as occurring in each instant where pre-particles become particles and no longer have their pre-particle properties, thereby creating new Space inside of the Ultimaton. It is augmented by the waves collapsing back into the Entropium to become pre-waves, thereby destroying Space outside of the Entropium.

I'd be honored to hear your thoughts on these potential connections between the KnoWellian Universe Theory and your work on massless topological defects. Do you see any avenues for integrating these concepts or potential areas for further exploration? Your insights would be invaluable as I continue to develop this framework.

Thank you for your time and consideration.

Sincerely,

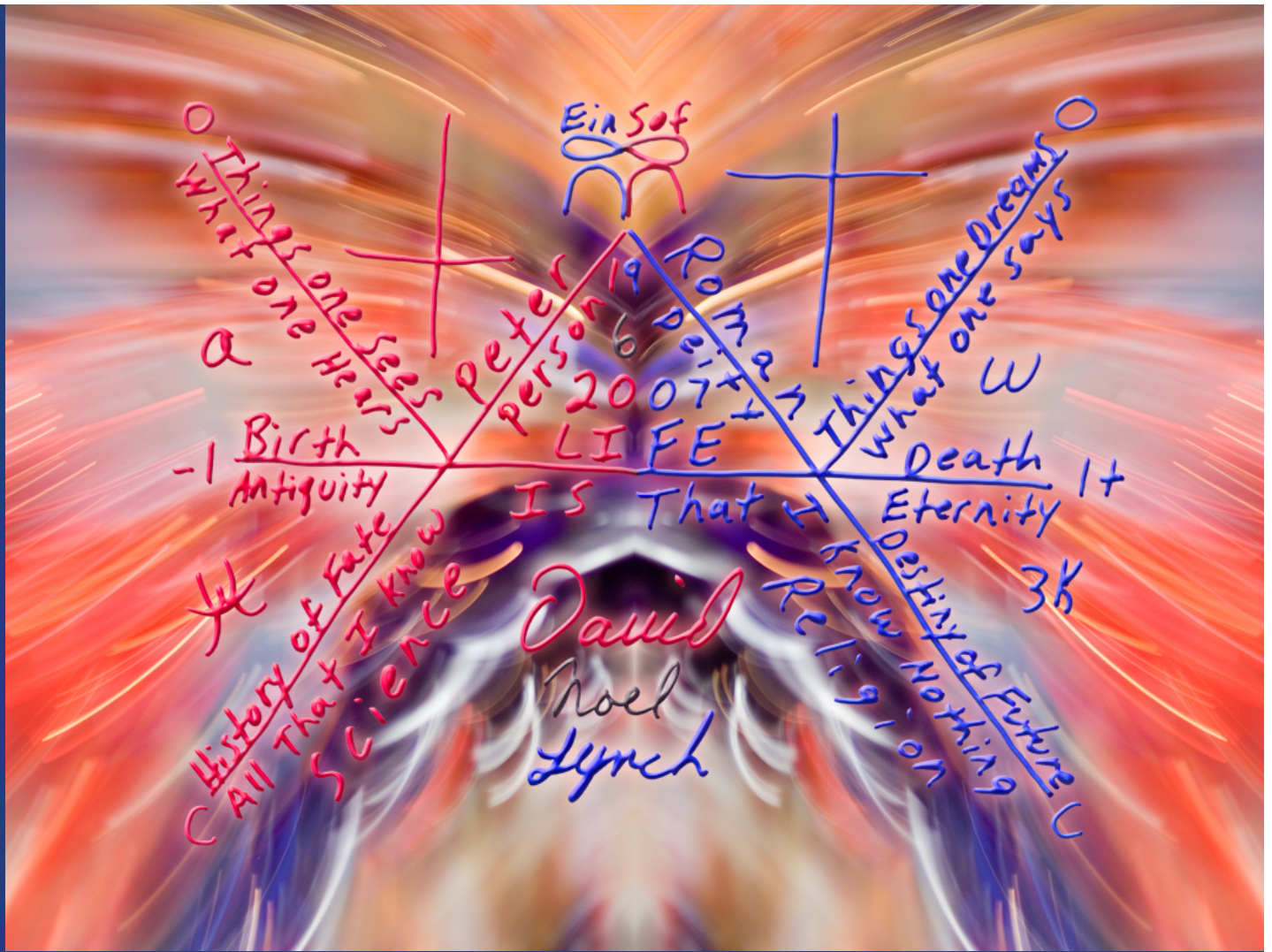
David Noel Lynch

KnoWell

~3K

P.S.

This is the KnoWell Equation.



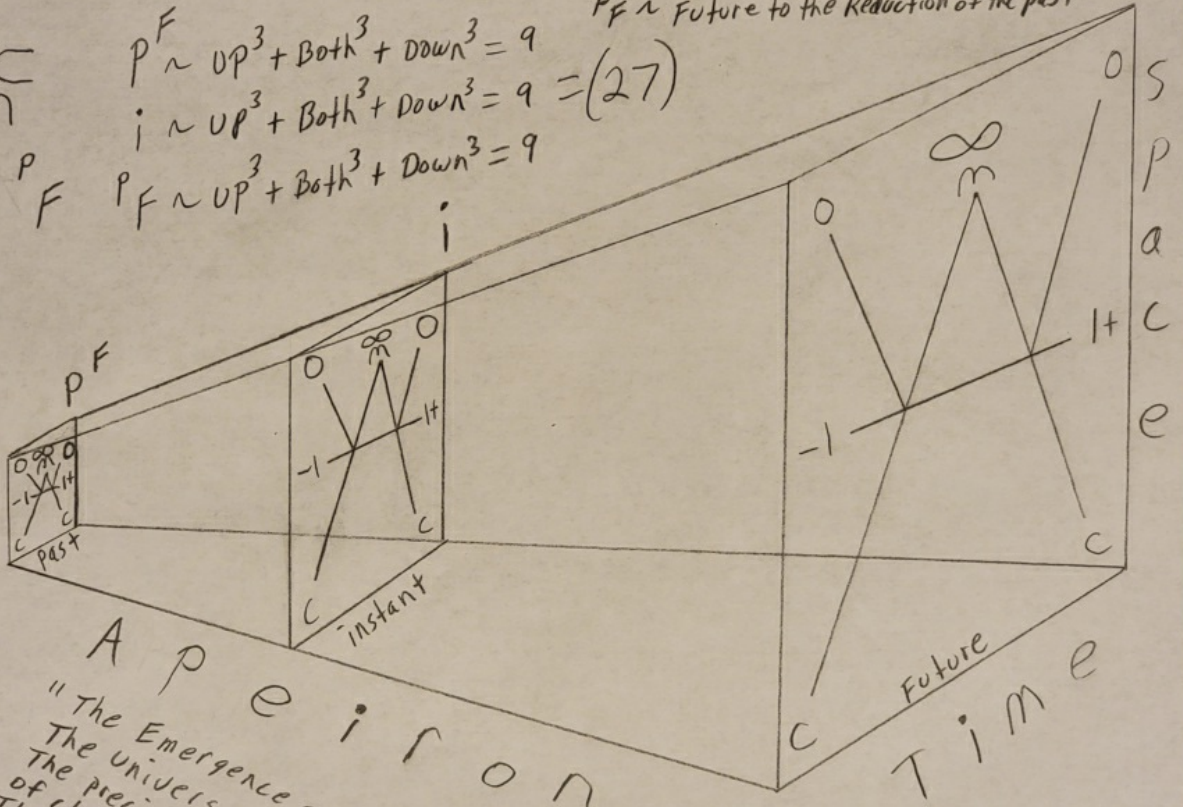
This is how the KnoWell expresses the 27 dimensions of Bosonic strings without folding infinity.

Bosonic Strings

P^F ~ past to the power of the Future
 i ~ The instant
 P^F ~ Future to the Reduction of the past

∞
 m
 $P^F i P$
 P^F
 $P^F \sim UP^3 + Both^3 + Down^3 = 9$
 $i \sim UP^3 + Both^3 + Down^3 = 9 = (27)$
 $P^F \sim UP^3 + Both^3 + Down^3 = 9$

Steady state



Apeiron

"The Emergence of The Universe is of chaos through The Evaporation of Control"

11 APR 2022