Temporal Elasticity and a Multiphase Transport Model
- relative to Bell's theorem
- and more

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A discovery/insight today *could realize Bell's theorem* ***moot****/superfluous*: an MTM based on temporal elasticity, Multiphase Transport Model. First a review of temporal elasticity basics. In a 30-year-old reconstructed paper*, we develop the theory of gravitational time-dilation / time-contraction based on a unidimensional metric space with very select measure. Please review that paper at your convenience. Next, we need to visualize the relevant parameters: [please understand I loathe the following terminology but English has limitations with regards to visualization armament] dilations as bubbles in the fabric of time; contractions as equdimensional / parametrically described vacuoles/holes. [If there is such a thing as mentally vomiting, it just happened to me.] Prejudices aside, we now have an *intuitive* model for the MTM.

Multiphasic states are old-hat to quantum theory and quantum field theory. But as applied to temporal elasticity, they're brand new. As a kind of high-level conceptual marriage between QFT and temporal elasticity, it's the next best thing .. There's a lot in the media for general consumption about spacetime-foam. I suppose it's trivial to intuit. But here, we're dealing with temporal curvature as the ***exclusive culprit*** for gravitation. That means we can't just wave our hands and prestidigitate a meaningful construct .. I suppose the current related field is M-theory, but for various reasons, I defer/deny that tack.

*__Temporal Curvature, Gravitation's Mediator__

No, we need a whole new branch just for us:
C-theory, canonical [unidimensional] mode theory

We derive the basis for C-theory much like our children might calculate a basis for a vector space, for the first time .. What's the generalization of a canonical measure? Analogies are meta-logic and any area of investigation with a meta prefix. Instead of obfuscating the matter, let's simplify. What's the simplest countably infinite ***ordered set*** conceivable? The integers/naturals. Are we speaking of *parameters* here? No, ***interaction modes*** of a *hypothetical* C-field. The core of C-theory is the idea: *physical entities can interact in an* ***infinite variety/combination*** *of* ***modes/ways***. The insight today was that they coexist much like Feynman's insight with path-integrals — ***and*** — *renormalization* is a ***non-issue*** since any imaginary-mode must ***actually manifest*** in order to count.

The simplest way to visualize the scenario is with two lovers face-to-face: there are an *infinite number of emotions and combinations of them* that could mediate their relationship at any one moment. The trick here is to imagine they all exist simultaneously in some hyper-emotional space. No measure is required because every mode has its own field parameters. Ergo, renormalization is inapplicable here .. C-theory is not a theory of metric spaces; it's a theory of interaction modes.

$P(m_i)$ is the probability of an interaction mode
we assume every interaction mode has equal probability
that implies a discrete uniform countably infinite set
[and so why we chose the word canonical]

Connecting the C-field and temporal elasticity:
the C-field can ***ONLY*** manifest via temporal elasticity
because that's the ***ONLY*** thing we've defined so far in
our framework.

The global/cosmic implications are ***profound***. No "unified field theory" is required because *all* possible realistic interaction modes are ***defined*** by the C-field ***mediated*** by temporal elasticity .. Imagine two particles are card-sharks at *any* card game, *equally* gifted. They keep changing games based on who thinks they can win. Even if they have to go back in time a little and keep reliving the same moment over and over, whatever it takes to win.

Please allow a slight personal relevant digression. I'm sure the fastidious reader will remember the phrase "*hypothetical* C-field" above .. Set/number theory have been hobbies for me .. I get bored easily .. I reformulated set theory such that *every component is* ***defined***; I reinvented real number theory so that *they're now actually* ***countable*** .. Given enough time, with God's help of course, I can reformulate ***any*** scientific discipline stripping bare its inherent God-imbued elegance. The typical problems are: I don't have the time nor *more importantly*, ***interest*** .. So if the avid reader is hell-bent on me actually ***proving*** the existence of a C-field, good luck with that. I already spent the majority of my hobby-time on physics. I have the most lovely daughter in the *universe* to care for / attend to, Hope. She takes priority from now on.

Bell's theorem is actually ***irrelevant*** *to our physical reality* because of the following ***FACT***:

$$\lim_{i \to \inf} F_i \;\underline{=}\; \textbf{C-field}$$

In words, the limit as i goes to infinity of field-type F_i is identically equal to the C-field.

The Indians were categorically right, there's an infinite layering of superposed fields and mediators; the Higgs is just one of ***infinite***.