Appendix: Distinction Between Chronotension Field Theory (CFT) and Chronon Field Theories

Purpose

To clarify that Chronotension Field Theory (CFT), developed by Luke W. Cann, is a novel and independent theory unrelated to existing works labeled "Chronon Field Theory," despite surface-level name similarities.

Terminology Comparison

Term	Chronon Field Theory	Chronotension Field Theory (CFT)
Core Object	Chronon: discrete time particle	Chronode: emergent soliton in eta-field
View of Time	Quantized, atomic	Continuous, fluid-like
Gravity	Chronon-based or causal sets	eta-gradient resistance
Field Basis	Particle models, discrete sets	Scalar fields: eta(x,t), T(x,t)
Quantization	Chronons as fundamental	Chronodes quantized within field
Math Approach	Lattice, discrete evolution	Modified Lagrangian & continuity
Purpose	Quantum gravity/causal reconstruction	Unified cosmology & quantum reinterpretation
Known Examples	Caldirola, Vaknin-Suchard	Luke W. Cann, 2025

Philosophical Distinction

Chronon theories treat time as fundamentally atomic, often to reconcile quantum mechanics with spacetime geometry.

CFT treats time as a fluid medium, whose properties (flow resistance and tension) give rise to gravity, expansion, and quantum behavior -- with no need for spacetime discreteness.

Summary

Chronotension Field Theory (CFT) is not a form of Chronon Field Theory.

It does not assume time is discrete, nor that chronons exist as particles.

Instead, it proposes a continuous time-fluid where resistance (viscosity) and structure (tension) give rise to all observed cosmic and quantum effects.

FAQ-Style Summary

Q: Is this related to Chronon Field Theory or Causal Set Theory?

A: No -- Chronotension Field Theory is a continuous-field model, not based on discrete particles or time quanta.