

The Triune Universe's Falsify-Me Abstract Collection No. 5

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1. **5. A Program for Triune Cosmology as “Compression Layer”**

We propose the triune split as a compression layer that sits between raw microphysics and cosmological observables, similar to how the fluid approximation compresses kinetic theory. The framework claims that a small set of triune variables can summarize a wide family of microscopic models while still being directly constrained by data. This makes the theory falsifiable at the coarse-grained level: if no triune path fits observations, the whole class of underlying models is ruled out. Falsification: construct explicit microphysical scenarios that produce the same observables but cannot be represented within any triune weighting scheme.