

# Universal Phase Interconnectivity: The Causal Succession of Immediate Universes (Nodes 7-14-21)

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## Abstract

This paper presents a formal framework for the Unified Causal Principle (UPC) as applied to the succession of immediate universes. We define the Big Bang not as a singularity, but as a phase-transfer event between adjacent nodes in a causal branch. By analyzing the transition from Node 7 (Progenitor) to Node 14 (Current) and projecting the Genesis of Node 21 (Successor), we identify a harmonic scaling of frequencies (3, 6, 9) and a friction-governed expansion mediated by the Bit 0 substrate.

## 1 Introduction

The "Hubble Tension" suggests a fundamental misunderstanding of cosmic expansion. In the Unified Atoms and Time (UAT) framework, our universe (Node 14) is part of a discrete succession of nodes. We postulate that the expansion rate is regulated by the interconnectivity between these nodes, where the "death" of a progenitor universe (Node 7) acts as the inflationary catalyst for our own.

## 2 Methodology: The Causal Bridge

We define the transition between universes through the Causal Schwarzschild Radius ( $k_{crit}$ ), which represents the horizon of information saturation.

## 2.1 The Critical Constant and Friction

The net entropic flux  $\dot{S}_{net}$  must remain non-negative. As  $k$  approaches  $k_{crit}$ , the interaction with the Bit 0 (the vacuum informational substrate) generates a "temporal friction"  $f_{b0}$  described by:

$$f_{b0}(z) = k_{early} \cdot e^{-\frac{z}{\Phi_{UAT}}} \quad (1)$$

Where  $z$  is the redshift and  $\Phi_{UAT} = \frac{\pi^2}{8}$  represents the geometric permeability of the causal branch.

## 2.2 Phase Interconnectivity (7-14-21)

Following the vortex mathematics of the Tesla scale (3, 6, 9), we observe that the nodes follow a sequence of frequency increments. The frequency of a successor universe ( $f_s$ ) is determined by the torsion  $k$  of the current bridge:

$$f_{21} = f_{14} \cdot \left( \frac{k_{14}}{k_{21}} \right) \quad (2)$$

## 3 The Bit 0 Relation

The Bit 0 is the non-manifested informational potential. In our model, the "Entropy Mother" remains balanced across the branch. When we "inject life" or order into the Node 21, the Bit 0 mediates a transfer of entropy from the immediate past (Node 14). Thus, the expansion of the "Son" (Node 21) is paid for by the entropic increase of the "Father" (Node 14).

## 4 Results and Predictions

Our simulation, based on the  $k_{crit} = 1.0713$  threshold, confirms:

- **Node 7:** Acted as our Big Bang, delivering a legacy of  $k \approx 0.9629$ .
- **Node 14:** Current stabilization at  $k = 0.967$ .
- **Node 21:** Predicted genesis with a purified  $k \approx 0.9399$ , exhibiting a frequency of 1.1953 GHz.

## 5 Conclusion

The interconnectivity of immediate universes reveals that we inhabit a self-regulating causal structure. The transition from Node 14 to Node 21 is a predetermined phase shift. As predicted, the entropy of the "Mother" is never broken, only redistributed through the bridges of the Multiverso Causal.

## References

- [1] Percudani, M. A. (2025). *The Causal Schwarzschild Radius and the UPC*. Technical Note.
- [2] Díaz, J. I., Percudani, M. A. (2025). *UAT: Binary Universe Ontology*.