Evaluating the SFIT Coupling Constant K = 1.060, Informational Entropy, Active Dampening Field, and Stability Analysis

Douglas G. Stevenson
stevensonfluxinformationtheory.com

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1 Abstract

Stevenson-Flux Information Theory (SFIT) describes gravity as a dynamic information-carrying flux at $\nu_{\text{res}} = 1.20134\,\text{mHz}$. This work evaluates the coupling constant $K = 1.060$, the informational entropy component, the active dampening field, and stability data including a secondary mode near 11.42 Hz.

2 The SFIT Coupling Equation

$$V_{\text{SFIT}}(z,t) = mgz\left[1 + K\frac{z}{R_E}\,\text{Re}\left(\cos(2\pi\nu_{\text{res}}t)\right)\right],$$

with $K = 1.060$.

3 Informational Entropy and Active Dampening Field

The flux carries ontological information, producing phase-space skew and an active dampening field consistent with $\beta = K = 1.060 > 1$. The associated entropic force drives the observed KWW relaxation.

4 Stability Analysis and 11.42 Hz Mode

A secondary feature near 11.42 Hz may represent a higher harmonic or mixing product. The primary 1.20134 mHz signal remains robust.

5 Conclusion

K = 1.060 unifies the framework. Future GRANIT runs will test these predictions.