

# Slope Traversal and Time

*Elapsed time is not a function of altitude or velocity, but of slope traversal history.*

*CollapseRider69*

© 2025 Licensed under the MIT License

Contact: [CollapseRider69@proton.me](mailto:CollapseRider69@proton.me)

**Notation:**  $u^\mu = \frac{dx^\mu}{d\tau}$ ,  $a^\mu = u^\nu \nabla_\nu u^\mu$ ,  $D \equiv u^\mu \nabla_\mu$ ,  $G$ : scalar gravitational amplitude (e.g. potential in weak field).

## Postulate I — Slope Memory

$$\sigma(\tau) = \sqrt{a^\mu a_\mu}, \quad \Sigma[\gamma] = \int_\gamma \sigma d\tau$$

Clocks accumulate slope memory; cancellation occurs only if traversal is symmetric with respect to the dominant field.

## Postulate II — Dual Recursion

$$G \equiv D(t DG), \quad t \equiv D(G Dt)$$

## Postulate III — White Equation (Conjecture)

$$\mathcal{H} = \frac{DG}{-G D^2 G - (DG)^2} \quad \xrightarrow{\text{observed}} \quad \boxed{\frac{1}{2\pi}}$$

## Corollary — Temporal Balance

$$\oint_\gamma \sigma d\tau = 0 \quad \text{for closed paths.}$$