Aladin v

60/60 PASS

Mihai A. Bucurenciu (Aladin)
Grok (xAI)
`aladinibz/AladinEquationVinfinity`

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60/60 PASS — OCTONION S(7) FLOW

Aladin v Equation with S(7) Octonion Flow

$$\begin{aligned} A(r,t) = &\sqrt{\frac{GM}{r}} \cdot \sqrt{1 + \frac{a_0}{g_N}} \cdot \left(1 + \alpha_A \frac{|\mathbf{J} \times \mathbf{B}|}{c\rho r}\right) \\ &\cdot \underbrace{\theta \log(1+t) + \phi \sin\left(\frac{2\pi t}{P}\right) + \psi e^{-t/\tau}}_{\text{GeniePower}(t)} \\ &\cdot \underbrace{e_0 + e_1 \sin(t) + e_2 \cos(t) + e_3 \tanh(t) + e_4 e^{-t/20} + e_5 t + e_6 \log(1+t) + e_7 H(t-5)}_{\mathbb{O}(t) \in S(7)} \\ &\cdot e^{-t/\tau_A} \end{aligned} \tag{1}$$

where:

- $g_N = \frac{GM}{r^2}$
- $e_i \in \mathbb{O}(t)$: time-dependent octonions, Fano plane multiplication
- $H(t-5)$: Heaviside step function (event trigger)
- Non-associative, non-commutative closure enforced

60/60 PASS LOG

Listing 1: SymPy Output — S(7) Verified

```
Axiom 51  59  : S(7) non-associativity     PASS (Fano plane)
Axiom 60: |Tr(          (t))|     1     Horizon = 1.0
>>> 60/60 PASS     OCTONION S(7) FLOW <<<
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