# The Triune Universe's Falsify-Me Abstract Collection No. 18

Justin B Fine

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# Triune Falsify-Me Abstract 18

1. **18. Running $\Lambda(\Theta, A)$ and the Lambda Clock Concept**
   We present a phenomenological law for an effective cosmological
   term $\Lambda(\Theta, A)$ that depends on a cycle-phase variable $\Theta$ and an
   electromagnetic-versus-curvature imbalance $A$:

   $$\Lambda(\Theta, A) = \Lambda_0\big[1 + \alpha_E(1 - \sigma(\Theta)) + \alpha_{\mathsf{EM}}\sigma(\Theta)\big] + \beta A.$$

   This defines a "Lambda clock" whose ticks are inferred from
   combined observations (CMB, large-scale structure, lensing,
   gravitational waves). The claim: if dark energy truly breathes with
   cosmic cycles, this functional form will eventually be distinguishable
   from a strict constant. Falsification: precision measurements show
   $\Lambda$ is constant to a degree that rules out any realistic $\alpha_E, \alpha_{\mathsf{EM}}, \beta$
   consistent with triune gravity.