

# The Triune Universe's Falsify-Me Abstract Collection No. 11

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# Triune Falsify-Me Abstract 11

## 1. 11. Flatness as a Dynamical Attractor in Triune Cosmology

We revisit the flatness problem by studying the evolution of the curvature parameter  $\Omega_k$  under a triune expansion history. During a chasing-dominated phase with  $w_{\text{eff}} < -1/3$ , the curvature evolution

equation  $\frac{d\Omega_k}{d \ln a} = (1 + 3w_{\text{eff}})\Omega_k$  drives  $\Omega_k$  toward zero rather than

away from it. We show that moderate-duration acceleration can push  $|\Omega_k|$  into the observed  $10^{-3}$  regime without tuning initial conditions to absurd precision. Falsification: show that any such phase that solves flatness either overproduces curvature later or violates nucleosynthesis and CMB constraints.