

# The Triune Universe's Falsify-Me Abstract Collection No. 13

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# Triune Falsify-Me Abstract 13

## 1. **13. Flatness Without Inflaton Potentials**

This abstract isolates the flatness result from any specific microphysical story. We show that, within GR, one does not need a specially engineered inflaton potential to stabilize geometry: it is sufficient that the effective triune mix transiently satisfies simple inequalities on  $w_{\text{eff}}(t)$  and duration. The claim is that this removes a layer of arbitrary potential design while keeping strong observational tests. Falsification: derive a no-go theorem showing that any non-scalar-field implementation of such a phase must violate known energy or stability conditions.