

# Review of: "Reinterpreting Relativity: Using the Equivalence Principle to Explain Away Cosmological Anomalies"

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Potential competing interests: No potential competing interests to declare.

Author has presented an alternative interpretation of Einstein field equation taking  $\Lambda$  to refer to the locally accelerated expansion of the dynamic, second-order spacetime. This alternative interpretation explains the current acceleration of the universe without considering dark matter and dark energy. This alternative interpretation can also resolve every major observational anomaly for the  $\Lambda$ CDM model, including recent observations conflicting with  $\Lambda$ CDM predictions, as well as failures to directly detect dark matter, dark energy, and inflation field/particle candidates.

Here's something I believe the author ought to address:

1. Author have well explained his alternative interpretation of standard Einstein field equation. According to this theory we are observing from the expanding second-order space fabric a absolute first-order space which is invisible to us. As this second-order space is expanding, two particles are closed together, which represent the gravitational force. Therefore, using this hypothesis, we can explain why two celestial bodies are accelerating closer together. **However, I'm not sure how this alternative theory explains celestial objects that are accelerating away from us. Please elaborate on this.**