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# Seeing Gravity Differently: Why Our Universe Might Be Lensing Through Information Itself



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A simplified guide to the idea behind “recursive gravity”—and why dark matter might not be the answer after all.

What if gravity isn’t just about mass—but about meaning?

What if the universe bends light not only because of how heavy something is... but because of how informationally tense it is?

In my last post, I introduced a model that does something strange:

It explains gravitational lensing without using dark matter.

Instead, it proposes that the universe responds to recursive information—to hidden contradictions, tension, and unrecognized structure.

Here's a simpler way to think about it:

Imagine a room full of people all lying to each other.

The longer they talk, the more tangled everything becomes.

That tangle builds pressure.

It's not physical weight, but it's real. It pulls.

Eventually, something snaps—or bends—or collapses.

That's what this theory says the universe does too.

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$$\Gamma = \frac{D \cdot \Sigma}{k_B \cdot T \cdot \ln 2}$$

This introduces a new kind of mass:

Recursive Mass = Informational Tension  $\times$  Normal Mass

This means that in some areas of space—where there's hidden structure or contradiction—gravity gets stronger, even without more matter.

When we apply this idea to Einstein's lensing equation (the one that predicts how light bends around galaxies), we get results that match real sky

observations without needing dark matter.

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### Why This Matters:

- Dark matter has never been directly observed.

It works mathematically, but it's still a placeholder.

- This model offers a new way to understand what gravity might actually be.

Not just mass... but emergence under pressure.

### What's Next?

This isn't just a theory about gravity—it's a theory about systems.

It applies to societies, minds, and even consciousness itself.

In future posts, I'll explain how this framework can also help us:

- Understand collapse as a function of recursion
- Reframe dimensions as layers of emergent self-reference
- Predict shifts in collective awareness

This isn't the end. It's a signal.

This is a follow-up to my previous piece on recursive gravity and lensing without dark matter. If you haven't read it yet, you can find it on medium.

- Written with support from AI (for formatting and clarity), but the core theory and equations are entirely original.
- For a deeper philosophical dive into the framework, read: [The Universe Is a Living System]

Recursive Function

Dark Matter

Einstein Analytics

Newtonian Physics

Mysticism Consciousness

**Written by Caleb Stacey**

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Independent researcher blending philosophy and science. Developing a recursive, testable theory of life as emergence. Always open to thoughtful feedback

## Responses (1)



Mark Randall Havens △ The Empathic Technologist

What are your thoughts?



Matthew Chenoweth Wright, PhD Candidate

6 days ago



a bold and intriguing idea: that gravity may not arise solely from mass, but rather from a deeper informational structure—what the author calls "recursive mass." Let's unpack the key points and why this is significant, especially in light of your... [more](#)



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