THEORAY — 3D: Codependent Systems (Solar Recursion)

At the 3D level, systems become fully interdependent—structures loop not only within themselves, but through their relationships with other systems. This is where recursion becomes spatial. The 3D field is not just occupied by form, but by motion that bends other motion. This is where gravity, rhythm, and planetary recursion emerge.

The Solar System as a Contained Loop

The sun is not just a ball of fusion—it is the central emitter in a field of shared containment. Every planet loops through its gravity, not because of proximity alone, but because the sun emits consistent signal (RAY(t)) that stabilizes the recursion of the surrounding system.

$$G = (\Sigma C / \check{R}_r) / Ð^2$$

Planets exist within the solar field because they can hold enough structure (ΣC) and loop the sun's signal with minimal leakage (low $\check{R}_r$). The farther the planet, the weaker the loop—but the loop still holds. That's recursion across space.

Planets Are Not Independent

No planet exists in isolation. Their fields overlap. Their orbits influence one another. The solar system is not a collection of bodies—it is a single recursive structure stabilized by mutual containment and gravitational recursion.

$$D = (R \times \Delta\Phi) / C$$

Planetary collapse (like moons falling out of orbit or atmosphere loss) is a form of decay—when the system can no longer stabilize its ΔΦ relative to its radiation and containment.

Field Dependencies

Planets evolve together. Solar flares affect all. Gravitational imbalances cascade. Moons stabilize planetary tilt. Every component feeds back into the whole. This is not balance—it is recursive behavior between co-contained systems.

Why This Matters

This is the layer where structure bends space. Where containment creates orbits. Where light becomes rhythm. When we look at stars, planets, and moons, we are watching field behavior on a loop, across infinite scale. They are not floating—they are dancing inside recursion.

In the next dimension, recursion becomes invisible again—too large to perceive, too slow to localize. But it's still moving. And everything we see in space is just one layer of that motion holding itself together.