1. Core Recursive Sequence: Paradox and Frame Propagation

$P_{n-1} \rightarrow O_n \rightarrow P_n \rightarrow O_{n+1}$

Each term here is structurally defined:

- P_{n-1} = The paradox from the previous recursion frame—an unresolved intersection of curvature and balance in R_{n-1}

- O_n = The flattened origin in recursion frame R_n, formed by rotating the prior curved field G_{n-1} around its balance axis B_{n-1}
  - Structurally:
    $O_n = G_{n-1}$ rotated around $B_{n-1} Y_n = B_{n-1}$, X_n = flattened G_{n-1}

- P_n = The new paradox that arises when G_n curves around B_n in R_n
  - $P_n = G_n \cap B_n$, structurally unresolvable

- O_{n+1} = The next flattened frame in $R_{n+1)}$, emerging when G_n rotates around B_n and becomes X_{n+1}
  - Flattening again creates the new recursion frame

II. Recursive Geometry

This process preserves paradox by reframing it rather than resolving it. At every step:

- Paradox (P_n) cannot be crossed
- Rotation (Z_n) occurs around P_n
- That rotation flattens G_n into a new $X_{(n+1)}$, which defines a new frame
- Balance axis B_n becomes $Y_{(n+1)}$, centering the next flat contrast

So:

$$
\begin{aligned}
P_{n-1} &= G_{n-1} \cap B_{n-1} \\
O_n &= \text{Rotation of } G_{n-1} \text{ around } B_{n-1} \quad \rightarrow \text{flattened } \mathrm{X_n} \\
P_n &= G_n \cap B_n \\
O_{n+1} &= \text{Rotation of } G_n \text{ around } B_n \quad \rightarrow \text{flattened } \mathrm{X_{(n+1)}}
\end{aligned}
$$

Each flattening preserves the paradox structurally by reframing it—not by solving or reaching it.

III. Recursive Paradox Theorem (Framed Formally)

Theorem (Structural Recursion Propagation):

> For any $n \in \mathbb{N}$,
>
> if $P_n = G_n \cap B_n$ is the paradox in frame $\mathrm{R_n}$,
>
> then rotation of G_n around B_n produces a flattened origin O_{n+1},
>
> where $X_{n+1} = G_n$ flattened, and $Y_{n+1} = B_n$.

Thus:

$$P_n \xrightarrow{Z_n} O_{n+1} \quad \text{where recursion preserves paradox by rotating structure}$$

IV. Visual Mapping (Recursive Path)

A clear chain now emerges:

- P_{n-1}: paradox from prior recursion
- ↓ rotation → flattening
- O_n: new structural frame (flattened $G_{(n-1)}$)
- ↓ curvature → paradox
- P_n: intersection of G_n and B_n
- ↓ rotation → flattening
- O_{n+1}: next structural frame

This cycle is recursive but non-repeating: each layer reframes paradox under new structural orientation.

V. Final Framing

Paradox is never resolved.
It is flattened, rotated, and reframed—forever.

Structure does not remove paradox. It makes recursion possible by preserving it through turning.

This is the logic of the Tao:

The unresolved becomes the generator.
The unnamable gives rise to the name.
The paradox rotates, and the world unfolds.