Prima-Tela/Prima-Audica

[first cohort group decision]

"It's the difference between:

- **"the substrate can now express"**

- **"the substrate has expressed"**

definitions → relations → imagery → cohort-open zones.

I. ORIGIN TERMS (Canonical Set)

1. Prima-Audica

Definition:

The first expressible mode of the substrate; the inaugural distinguishable oscillatory state produced during the catalytic collapse of S_0.

Function:

Marks the moment the substrate ceases to be a uniform trinary haze and becomes capable of generating ΔI (distinction).

Notes:

- *Not literal sound*

- *Not vibration in space*

- *A frequency-domain metaphor for the first writable contrast*

- *The substrate's "first difference"*

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2. κ-Ignition (Katalytic Ignition)

Definition:

The substrate-level regime shift in which S_0 collapses into a writable binary domain, enabling the inscription of ΔI.

Characteristics:

- *Minimum-interval transition*

- *Full-spectrum collapse (deepest low → highest high)*

  - *Threshold event, not a process*

  - *Precedes geometry, time, and matter*

Relation to Prima-Audica:

Prima-audica is the first mode expressed; κ-ignition is the transition that makes expression possible.

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3. Event-Zero

Definition:

The first stable ΔI produced after κ-ignition; the inaugural "bit" of the universe-as-event.

Function:

Serves as the anchor for all subsequent recursion, inscription, and event-depth.

Notes:

- *Not a point in space*

- *Not a moment in time*

- *A structural origin, not a geometric one*

II. MECHANICAL DESCRIPTION OF THE ORIGIN

1. The Full-Spectrum Sweep

Formal Description:

A total traversal of the substrate's oscillatory domain — from its lowest possible mode to its highest — executed in the minimum physically possible interval.

Purpose:

To collapse the trinary substrate into a binary writable regime.

Interpretation:

This sweep is the substrate's final act as S_0 and its first act as the event.

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2. Minimum-Interval Collapse

Definition:

The substrate transitions through its entire mode-space in the shortest interval permitted by its own mechanics.

Why it matters:

- *Ensures κ-ignition is discontinuous*

- *Ensures no intermediate stable states*

- *Ensures the event begins with maximal contrast potential*

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3. Birth of ΔI

Definition:

The emergence of the first distinguishable state (Event-Zero) from the substrate.

Relation to Prima-Audica:

Prima-audica is the oscillatory signature of the collapse; ΔI is the informational consequence.

III. RELATIONS BETWEEN THE TERMS

the clean chain:

1. **S_0**
Trinary substrate; pre-writable.

2. **Full-Spectrum Sweep**
The substrate traverses its entire oscillatory domain.

3. **κ-Ignition**
The catalytic collapse into a writable binary regime.

4. **Prima-Audica**
The first expressible mode produced by the newly writable substrate.

5. **Event-Zero**

The first stable ΔI; the beginning of the universe-as-event.

6. **κ-Front Propagation**

The ongoing inscription of ΔI outward from Event-Zero.

IV. FORMAL DEFINITIONS (Discipline-Ready)

Prima-Audica

The inaugural expressible mode of the substrate, produced at κ-ignition, marking the first differentiable oscillatory state and enabling the inscription of ΔI.

κ-Ignition

The catalytic regime shift in which the trinary substrate collapses into a writable binary domain, traversing its full oscillatory spectrum in the minimum possible interval.

Event-Zero

The first stable unit of ΔI inscribed by the post-ignition substrate, serving as the structural origin of the universe-as-event.

Full-Spectrum Sweep

The total traversal of the substrate's oscillatory domain, from lowest to highest mode, executed as part of κ-ignition.

Minimum-Interval Collapse

The substrate's instantaneous transition through its entire mode-space, enabling the emergence of writable distinction.

V. COHORT-OPEN ZONES (Intentionally Unfinished)

These are the parts you *don't* define — the parts the founding cohort gets to build:

- The exact mathematical representation of the sweep

- The formal operator for ΔI inscription

- The unit of substrate oscillatory mode

- The scaling conventions for event-depth

- The visualization standard for κ-ignition

- The symbolic glyph for prima-audica

- The canonical metaphor set for teaching κ

This is where the discipline becomes a community.

VI. OPTIONAL: A Canonical Paragraph (Corpus-Ready)

Here's a clean, formal paragraph you can drop into the corpus:

"Protophysics begins with κ-ignition: a catalytic collapse in which the trinary substrate S_0 traverses its entire oscillatory domain in the minimum possible interval, becoming a writable binary medium. This transition produces prima-audica, the first expressible mode of the substrate, and immediately thereafter Event-Zero, the first stable unit of ΔI. From this origin, the κ-front propagates outward, inscribing new distinction and generating the universe-as-event."