

The AMetric Boundary as Non-Transmissive Interface

A Pre-Admissible Role Block

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Abstract

This paper classifies the AMetric Boundary as a fixed, non-transmissive anchor separating pre-admissible proposal space from admissible description. The term “interface” is used only as a negated skin label and licenses no adjacency, mediation, interaction, or passage of structure. No metric, probabilistic, informational, or causal content may be invoked prior to admissibility. The analysis is eliminative: it identifies failure signatures, localizes structural stress as classification error, and closes all narratives that treat admissibility as a process or transition.

1. Scope Fixation

Permitted:

- Classification of the AMetric Boundary as a role separator.
- Diagnosis of failure modes arising from illicit boundary crossing.
- Stress analysis understood strictly as classification failure.

Forbidden:

- Any account of metric emergence, generation, or transition.
- Any treatment of the boundary as a process, pathway, or mediation layer.
- Any probabilistic, typicality-based, informational, or success-based justification of admissibility.

Fail-closed rule: Any claim that requires metric content to be meaningful prior to admissibility is terminated as ill-typed.

2. Role Assignment

2.1 Anchors

AMetric Boundary. The AMetric Boundary is a fixed anchor separating pre-admissible proposal generation from admissible description. Anchor status is detected by failure: any attempt to treat the boundary as transmissive, mediating, or explanatory collapses question well-typedness.

Standing Requirement. Standing is a non-negotiable anchor at the boundary. Any attempt to defer, probabilistically justify, or gradually stabilize standing at the boundary collapses admissibility and thereby detects anchor status.

Anchors are not explained, derived, optimized, or varied.

2.2 Tensors

Admissibility Constraint. Determines which descriptions may be taken as meaningful within the licensed interior.

Role-Preservation Requirement. Ensures anchors remain fixed while tensors bear redescription stress.

These tensors are load-bearing and stress-localizing. They are not causal, dynamical, or mechanistic.

2.3 Skin

Terms such as “interface,” “transition,” “entry,” “inside/outside,” and all diagrammatic depictions are classified strictly as skin. They are expressive conveniences only and are fully discardable.

Any skin that induces temporal sequencing, causal passage, filtering, or structural adjacency across the boundary is inadmissible.

3. Structural Analysis: Stability and Stress

3.1 Non-Transmissivity

The AMetric Boundary does not transmit structure. It licenses an interior regime but carries no content across itself.

Illicit transmissivity is detected when:

- Metric quantities appear in pre-admissible discourse.
- Questions require distance, duration, magnitude, probability, or information prior to admissibility.
- Explanations invoke emergence, flow, or passage across the boundary.

These are classification failures, not empirical errors.

3.2 Stress Localization

Boundary stress is not a buildup, gradient, threshold, or accumulation. It is a categorical failure: incompatibility between the role requirements of admissibility and the form of the description attempted.

Stress localizes at:

- Emergence narratives.
- Appeals to probabilistic typicality or measure.
- Metric success used to justify admissibility.

4. Failure and Closure

Closure C1 — Emergence Narratives Are Closed Any narrative that treats admissibility as generated, sequenced, or produced is inadmissible in all domains.

Closure C2 — Probabilistic Justification at the Boundary Is Closed Probability presupposes metric structure. Typicality, measure, or likelihood arguments at the boundary are ill-typed.

Closure C3 — Boundary-as-Interface Is Closed No interpretation of the boundary as mediating, filtering, or transmitting structure is permitted. “Interface” carries no structural content.

Closure C4 — Metric Success Cannot License Admissibility Admissibility precedes metric success and cannot be retroactively justified by it.

Fail-closed illustration (minimal): The question “How does metric distance arise at the AMetric Boundary?” is terminated as ill-typed.

5. Non-Generative Termination

No mechanisms, transitions, or models are introduced. The AMetric Boundary is fixed as a non-transmissive anchor. All admissibility-as-process narratives are closed.

No further derivations follow.