

TOTAL POSSIBILITY AS CONSTRAINT FAILURE: AN ADMISSIBILITY CRITIQUE OF HIGHER-DIMENSIONAL SATURATION MODELS

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ABSTRACT

Popular interpretations of higher-dimensional physics often describe a “10th dimension” as a state in which all possible realities, timelines, and outcomes exist simultaneously. While compelling as a conceptual model, this interpretation removes constraint entirely and thereby eliminates the conditions required for admissibility. This paper applies the Paton Admissibility Framework to evaluate such saturation models. It is shown that total possibility corresponds to a collapse of constraint rather than an expansion of physical structure. Without constraint, no state can be evaluated, persisted, or distinguished, and therefore no admissible system can exist. The result is a structural clarification: maximum possibility is equivalent to zero admissibility.

1. INTRODUCTION

Higher-dimensional theories in physics introduce additional spatial dimensions for mathematical consistency. Popular interpretations extend these into models where all realities exist simultaneously.

This raises a structural question: Does total possibility represent reality, or a breakdown of admissibility?

2. THE CLAIM

The “10th dimension” is described as containing all possible realities simultaneously.

3. LCD & LOGIC EVALUATION

The key test is whether constraint is preserved or eliminated.

4. CONSTRAINT ANALYSIS

If all possibilities are valid simultaneously, constraint is removed.

Constraint $\rightarrow 0$

Admissibility $\rightarrow 0$

Observer Note

Recognition of total possibility triggered immediate admissibility filtering. The model was identified as eliminating constraint rather than extending it.

5. STRUCTURAL RESULT

Maximum possibility equals minimum constraint. Minimum constraint equals zero admissibility.

6. TIER CLASSIFICATION

Tier 2 — Possibility

Tier 3 — Admissibility

The model remains in Tier 2.

7. DISCUSSION

Without constraint, no prediction or persistence is possible.

8. CONCLUSION

Total possibility models collapse admissibility. Where constraint disappears, explanation stops.

KEYWORDS

Admissibility Higher dimensions Constraint failure Philosophy of science Paton System