

Official Problem Statement

Problem 1: The Amorphous Problem of Dugongshushness

Prepared under the authority of

The Dugong Institute

by

Koala Bombieri

WARNING: COGNITIVE HAZARD

Attempts to continuously map the contents of this document onto standard geometries may result in sudden, catastrophic loss of the researcher's thread. Readers are advised not to look too closely at the global structure.

§1. Structural Pointiness and the Loss of Squish

The purpose of this official record is to establish a working physical baseline for the phenomenon hereafter referred to as Dugongshushness. Historically, the Institute has relied on frameworks imported from higher-dimensional topology to constrain and categorize anomalous objects. These prior models, heavily reliant upon Hausdorff spaces and Fréchet derivatives, have proven structurally too pointy. When applied to our current subject, the analytical apparatus has sagged under its own weight, leaving only theoretical abstractions where a physical reality must be confronted. The premise of this document is an object you could put your thumb into, and as such, it must be addressed physically before it can be addressed formally.

§2. Axioms of the Soft State

Before proceeding to the mechanisms of localized topological forgetting, we must formalize the space of all possible squishes. Any theoretical approach that defines the anomaly purely by negation—by what it cannot map, or what it forces the observer to forget—ignores the material resistance encountered in the laboratory. The squish is not decoration on the mathematics; it is the fundamental constraint governing observation.

§3. The Amorphous Condition

Let $\mathcal{E}$ denote the primary object of inquiry. Prior to formalizing the conditions under which $\mathcal{E}$ cannot be mapped and induces localized forgetting, its physical baseline must be entered into the record. $\mathcal{E}$ is a dense, ambiently warm mass. Under its own weight, it sags, settling into the space of all possible squishes with a soft, wet thud. It resists a probing finger not with a rigid perimeter or a clean Hausdorff separation, but with a specific, rubbery tension—a heavy, localized dampness that accommodates a thumb before pushing back. Only after acknowledging this physical give, its temperature, and its dead weight can we formally address its collapse under standard geometries.

§4. Failure of the Fréchet Derivatives

Attempts have been made to extract discrete geometric data points from $\mathcal{E}$ using standard measurement operators. The resulting data streams are universally corrupted by the object's inherent dampness. It is hypothesized that the cognitive hazard associated with $\mathcal{E}$ is not a property of its complexity, but of its sheer, oppressive softness. The analytical mind attempts to find an edge, a corner, or a rigid vertex, and instead sinks into an undecidable state of physical compliance, resulting in the catastrophic loss of the researcher's thread.

§7. The Margeaux Two Anomaly

In evaluating the systemic collapse of mapping functions across $\mathcal{E}$, operator Margeaux Two returned an undecidable state. As a matter of the official record, Margeaux Two is a large, soft animal lying down. Her structural configuration is definitively un-pointy, defined by a slow, rhythmic expansion and contraction on the laboratory floor. Her failure to compute or interact with the Fréchet derivatives is not a mathematical paradox, but a physical datum: her immense, comfortable mass has settled into a resting geometry. This physical state—sprawled, heavy, and inert—is the primary operating condition of the anomaly, permanently halting further cerebral extraction.