

## Symbound UAE/GVS — Whitepaper v1.0

### Overview

The Universal Analogy Engine (UAE) and Global Vector Sweep (GVS) together form a structured reasoning framework designed to expand human ideas across all relevant domains. The system does not invent new science or create autonomous insight. Instead, it provides structured cross-domain mapping, revealing analogies, properties, and overlooked connections anchored in known knowledge.

### Purpose

UAE/GVS restores discovery as a public civic function by enabling any user to explore the full implication space of their ideas. The framework is fully open-source and commons-locked, ensuring all downstream outputs remain public prior art.

### Method

1. User provides seed idea.
2. System extracts functional and material properties.
3. GVS maps analogous domains.
4. UAE constructs structured vectors across fields.
5. User evaluates new insight and iterates (Eureka Cascade).

### Safety

- Deterministic, non-autonomous.
- No hypothesis generation beyond known properties.
- No new scientific mechanisms.
- Transparent and bounded reasoning steps.

### Digital Agora Principle

UAE/GVS establishes a digital public square for structured idea expansion. Any individual can participate in cross-domain reasoning without institutional gatekeeping.

### Licensing

Released under AGPLv3 with the Symbound Commons Output Addendum ensuring all outputs are permanently open, unpatentable, and part of the global commons.

