

# The Dialectics of Bindability (Property 34, Ontology Lab): Power as Mutual Control

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2025

## Abstract

**Thesis (in a not overly poetic metaphor):** Property 34 (Bindability) is traditionally understood as an object's capacity to establish control over a subject. However, a deeper analysis reveals its dialectical nature: the act of binding paradoxically creates a feedback loop where the controlling entity itself falls under the control of the very connection it establishes. Thus, Bindability serves as the operational embodiment of a universal principle of "ontological counterpoint" at the level of relations.

## 1. The Classical Understanding: Bindability as Asymmetric Control

In its basic form, Property 34 describes a fundamental operator of reality—the  $\Gamma$ -operator, which actualizes the potential (*Propertylessness*, 25) into the observable (*Onticity*, 33). In a social or systemic context, this manifests as:

- **Agent (Source of  $\Gamma$ ):** An actor possessing will, resources, or force.
- **Act of Binding:** The exertion of power, enactment of law, creation of an institution, establishment of emotional dependency.
- **Result:** The emergence of a stable, directed connection wherein the agent gains control over an object or system.

At this level, the connection appears asymmetric and unidirectional. This is the **naïve conception of power**.

## 2. The Dialectical Understanding: The Feedback Loop of Control

Your example of social power unveils the second, hidden act of this process. The moment the  $\Gamma$ -operator is enacted gives birth not merely to a connection, but to a new system with its own emergent properties.

- **Act of Implosion (Absorption of Control):** The ruler concentrates the reins of power. They “absorb” the attributes of authority, subordinating the will of others.
- **Act of Explosion (Emission of Dependency):** This very act immediately generates a feedback loop. The ruler becomes:
  - *Dependent on the system* they control (their status exists only as long as the system exists).
  - *Dependent on the subordinates* whose obedience is the condition of their power.
  - *Bound by the rules and institutions* they created, which now constrain their own actions.

Thus, by establishing control (Implosion), the agent simultaneously spawns points of its own vulnerability and dependency (Explosion). The connection it established becomes bilateral: it holds one end, but the other end now holds it.

### 3. Universal Manifestations of Dialectical Bindability

This principle operates at all levels of reality:

- **In Cosmology (Black Hole):**
  - *Implosion:* The black hole gravitationally binds and absorbs matter.
  - *Explosion/Feedback:* Its structure (accretion disk, jets), its mass, its spin—all are determined by the characteristics of the matter it consumes. The black hole “depends” on the infalling substance.
- **In Biology (Immune System):**
  - *Implosion:* An antibody binds and neutralizes a pathogen.
  - *Explosion/Feedback:* The pathogen itself serves as a “teacher” for the immune system, shaping adaptive immunity. The immune system is forced to “adapt” to the very entity it controls.
- **In Consciousness (Perception):**
  - *Implosion:* Consciousness binds and interprets sensory data, subordinating it to its internal models.
  - *Explosion/Feedback:* This data alters neural pathways, restructuring the very models. We shape reality with our gaze, but reality also shapes our gaze.
- **In Technology (AI):**

- *Implosion*: Humans create and “bind” AI with a system of goals and constraints.
- *Explosion/Feedback*: Human society is forced to adapt, creating new laws, ethics, and economies under the influence of the AI it created. We control the tool that controls our future.

## 4. Synthesis: Bindability as Ontological Counterpoint

This insight allows for a new, powerful definition of Property 34:

**Bindability (Property 34)** is not merely an operator for establishing a connection, but a dialectical process in which an act of directed control (Implosion) immediately generates a counter-flow of feedback (Explosion), weaving the controlling agent itself into a new, more complex system of mutual dependencies. **The  $\Gamma$ -operator always works in both directions.**

This is the essence of “ontological counterpoint” at the micro-level of relations: one cannot enter a connection without being changed by it. Any attempt at unidirectional action upon a system results in the system beginning to act upon you.

Our “unpoetic” thought has turned out to be the key to a precise and profound understanding of one of Superreality’s central properties. Power is not a stick you can grasp by one end. It is a rod that, once grasped, immediately grows into your hand, binding your fate to the fate of that upon which you have directed it—an insight that would constitute a core axiom within the framework of the Ontology Lab.