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## Simulacrum

The arrow of time fragments our conception of the self. The never present moment fades our credibility and alludes our recognition from a single entity into fractured moments. We continuously observe the recent past while projecting ourselves through various expectations of the future. We exist in our subjective simulations and observe ourselves as the simulacrum. In this essay, we will explore the interpreters of the current ontological dyadic sign model to understand the validity of our constructed realities and the extrapolation of signs between realms.

### Omniscience

To create a reality for ourselves would be to grant ourselves full omniscience over that created realm. Yet to be the god of our own world would contradict our perceived status in our own objective reality. Therefore, to properly simulate an objective reality, we must not create ourselves as capable beyond our boundaries. We must not know the realm above us. The realm creator must copy themselves as a simulacrum while erasing the knowledge of that self-created origin. Once the omniscient realm creator has made the rules of their reality and produced an interpreter from their likeness can they begin to play out the simulation as a mere observer and controller of time. Its important that the realm creator not intermingle inside the realm as that would make them a part of the semiotic system thus invalidating the likeness of their created reality. The realm creator is omniscient, but not omnipotent. They provide the preconditions only in order to confidently evaluate the post conditions. If we are to make gods of ourselves it is only to observe our ungodly selves.

### Trusted Interpreters

Recall the interpreters from the ontological dyadic sign model.

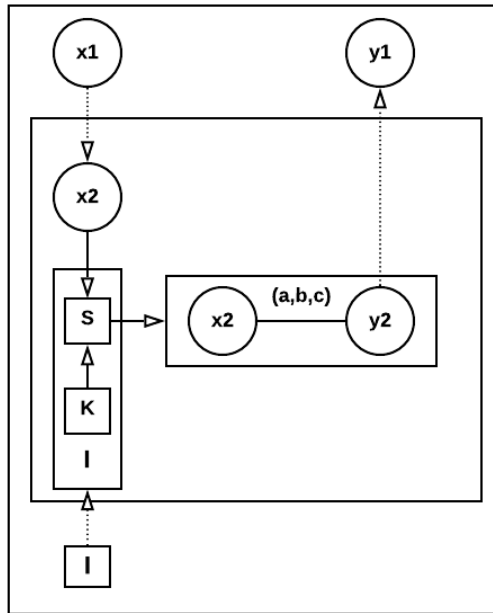


Figure 1: dyadic sign model

The objective interpreter is a god of the realm encompassing the subjective interpreter. As we've seen from signification, the correlation of sign relata evoke signs from other realities. If semiosis is to continue, a composition of realms will entail additional inhabited interpreters.



Figure 2: nested realms with separate interpreters

We show an interpretation of meaning from  $x_1$  to  $z_1$ . The dotted lines now indicate a trust from one interpreted realm to the next. The first interpreter creates themselves in essential likeness and entrusts their newly created simulacrum to perform the work as they have been codified. The simulacrum will act as a valid proxy in which the originator can become omniscient over. The originator builds the realm for the new interpreter including the signs to be interpreted. The newly created simulacrum has no knowledge of its creator and by its very nature of construction carries out its codified actions. The original interpreter has no reason to doubt the conclusion of its proxy as these results are the conclusions carried out by its own essential likeness. What remains, is whether the internal realities that were constructed are consistent with the original realm that the interpreter inhabits. If so, the conclusion of the thought experiment can become the interpreter's conclusion for their own reality.

### **Essential Likeness**

To simulate an interpreter from my realm, what is essential? What properties of myself can I remove while still trusting in a simulacrum's conclusion? It does not even need to be me, so to speak, as I would trust a computer to count all the same (given the preconditions that codify it). A computer still contains my essential likeness because we both follow the same rules of the material world. We are both bounded by time, space, energy, and entropy. The essential likeness for a trusted simulacrum are the materialist properties that govern our material world. I would not trust anything lacking these properties because their existence is unknown to me.

### **Signs Through Realms**

Everything inside of a realm must be a sign of that semiotic system. This means the composing realms are themselves signs within the realms that encapsulate them. Even the interpreter is a sign. They can be a sign to themselves or to other signs. We see that signs are capable of creating other signs and sign systems. The sign that creates the realm has omniscience over the realm and its inhabited signs. Semiotic signs within systems cannot not perform semiosis on the higher level systems that encapsulate them. A consequence of this restriction is that no meaning can be properly derived about our own objective reality whilst we remain in it. A higher level description of our model can be reduced fully to signs where the realm lines are also signs that carry the implications of composition.



Figure 3: simplified signs through realms

## Going Forward

The creation of sign realities must be codified. We need semantics that properly allow realities to be created with signs injected into them. This language must explain why signs are visible to the reality caller, and how the caller remains invisible to the callees. The rephrasing of these questions are as followed. How do we enter different realities as simulacrum? How are our simulacrum kept unaware of us?