

Up next... In episode 2...

Caio HLL

- Let's compare, for a preorder \mathbb{P} and $\mathbb{P}' = \text{dom}\mathbb{P}/(\mathbb{P} \cap \mathbb{P}^{-1})$, the hydrospheres V and V' ;
- We will also investigate the conjecture we posed on "When i had a body";
- Exploration of the duals in the categories defined by noetic currents;

While we also keep in mind:

- An analogy is a noetic current such that there exists a monotonic map $f : \text{dom}\mathbb{P} \rightarrow \text{dom}\mathbb{P}'$, for each polarity $[a \multimap b]$, the "path" of its image starts in $f(a)$ and ends in $f(b)$. We will later study these objects;
- For now, we have been working with the case where \mathbb{P} is known. What would happen if we didn't have a map, but started with a finite number of polarities as information? When would we be able to "solve" relations using transitivity?
- We could also take the coagulant to be $S' = \{x \multimap y + y \multimap x\}$, imposing a hierarchy in polarities (this gives me the chills). What would happen to the structure in this case?
- It also seems to me to be possible to define hydrospheres in a way that would not collapse to the space where all relations are possible, but I need to tweak the definitions in order to do so.