Christophe Rigon / Soto² □ - Scybernethician @ki_cog

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Thanks to Hui's "Machine and Sovereignty", I begin to have a more deep understanding of Hegel's dialectic and phenomenology, and see many resonances with my scybernethics journey (outside naïve projections).

Ex, in §5. "Individuation of the Spirit as historical Process"
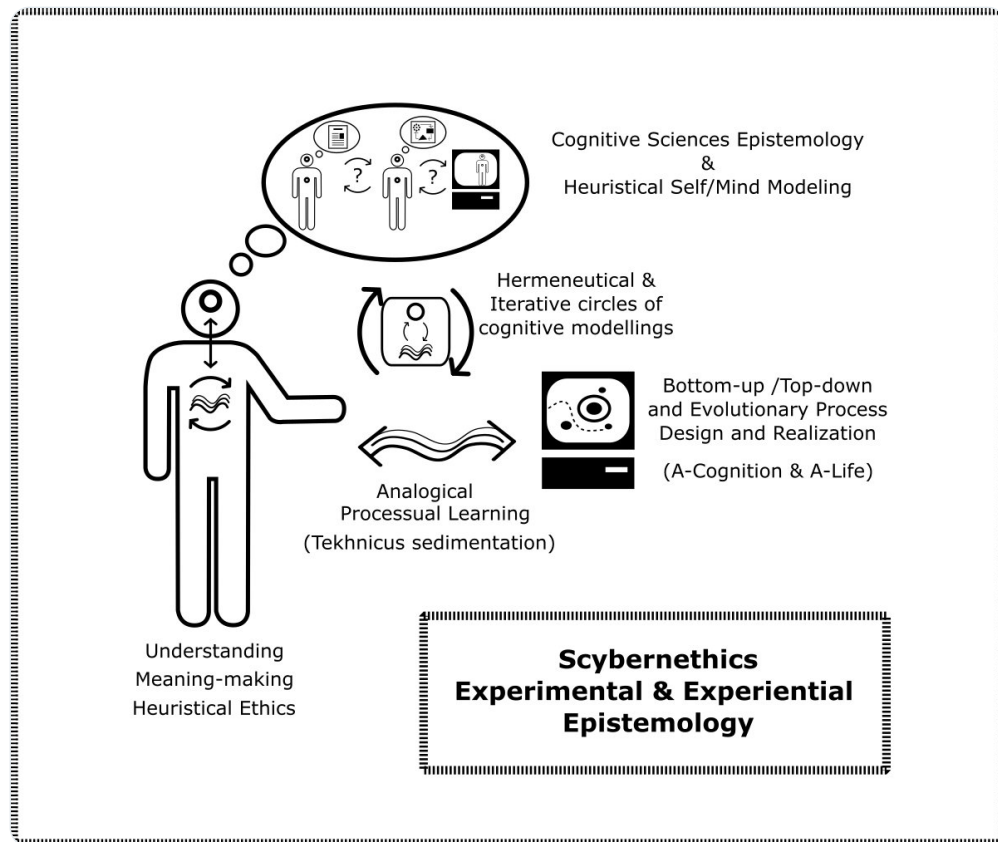
1/3

Concept). This externalization is not an imprint of the idea on matter, like the instantiation of the Platonic form or the Aristotelian hylomorphism, but rather a constant self-realization of the idea, augmenting its capacity for self-determination. This process of externalization is technical in the sense that it produces technical apparatus, writings, infrastructures, and institutions. This process of externalization is a *tendency*—if we can follow Henri Bergson and André Leroi-Gourhan's use of this term. For Bergson, the élan vital is the most fundamental tendency that expresses itself in two other tendencies, namely, instinct and intellect, and the intellect is that which produces tools and produces tools with tools; for Leroi-Gourhan, this fundamental tendency is the externalization of memory qua the liberation of bodily organs. In Kapp, a student of Hegel and the first philosopher who produced a book on the philosophy of technology, externalization is considered as the projection of organs, which will be internalized, and this circular form is that which conditions self-consciousness:

> Self-consciousness proves to be the result of a process in which knowledge of an exterior is transformed into knowledge of an interior. This knowledge, turning back toward the exterior and expanding our understanding of it, in turn provides new information about our interior, ultimately producing, in this endless complication of our orientation in the world and of our self-orientation generally, the content of all knowledge [*Wissen*]—in short, the sciences [*Wissenschaften*].[29]

1. Technologies as sensorimotor externalizations.
2. Computers as quasi second-order machines (machine², i.e. machines simulating machines and machining us).
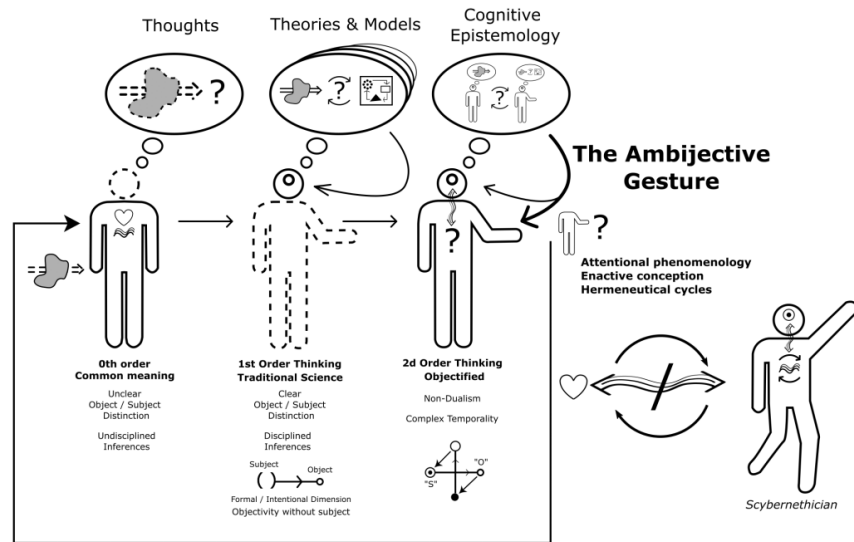
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The diagram contains the following labels:

Cognitive Sciences Epistemology
&
Heuristical Self/Mind Modeling

Hermeneutical &
Iterative circles of
cognitive modellings

Bottom-up /Top-down
and Evolutionary Process
Design and Realization

(A-Cognition & A-Life)

Analogical
Processual Learning
(Tekhnicus sedimentation)

Understanding
Meaning-making
Heuristical Ethics

**Scybernethics
Experimental & Experiential
Epistemology**

3. The ambijective gesture as an embodied & phenomenological internalization (leading to an anamnesia) of the externalized, namely sciences and technologies of cognition.

Thus, seing scyberethics as the expression of a (philo-techno-scientific) *methodology* of individuation.

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