

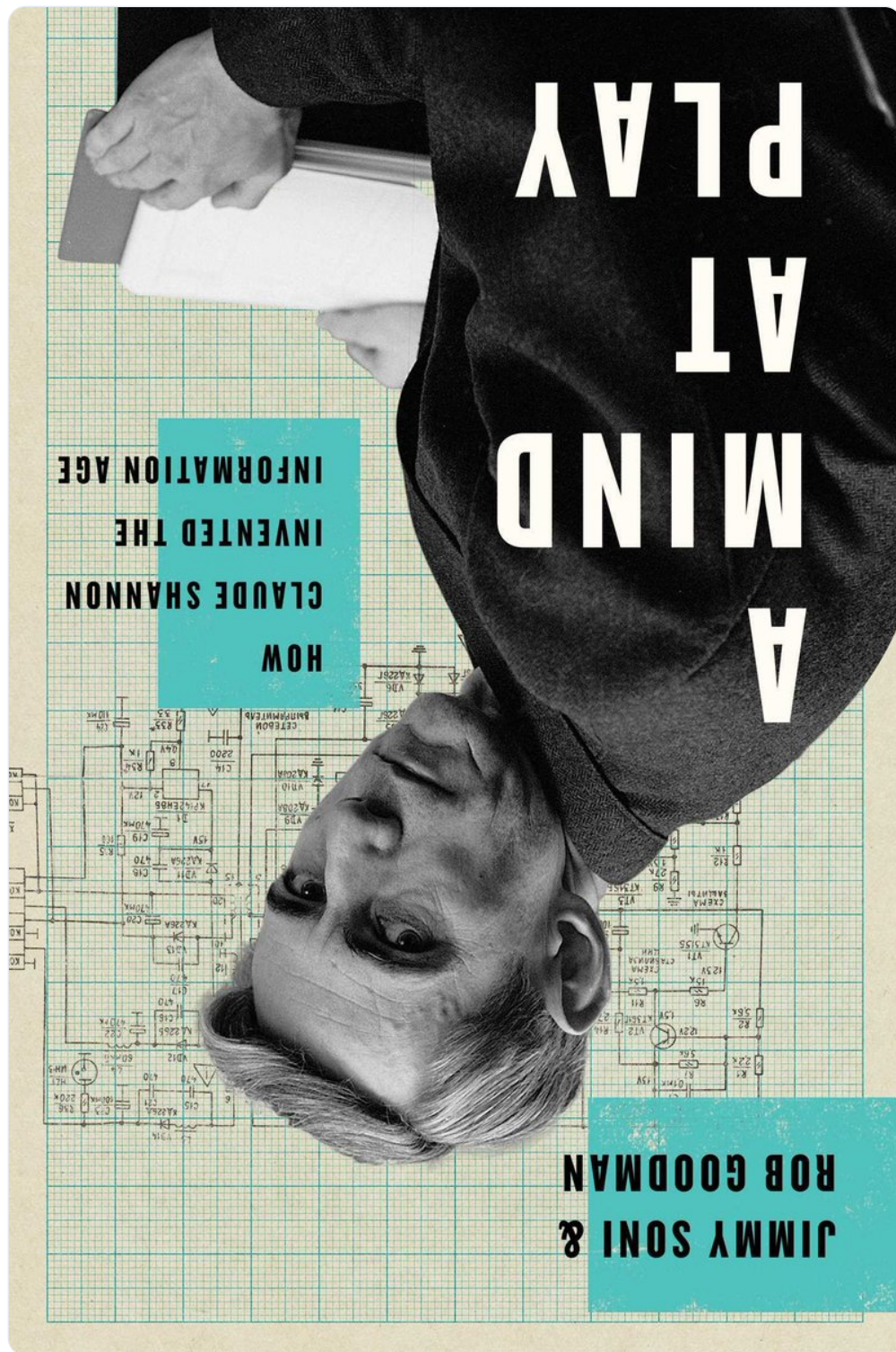


Christophe Rigon / Soto² □ - Scybernethician @ki_cog

May 28, 2024 · 8 tweets · ki_cog/status/1795363845780750765

[Logic²: a Reverse Engineering of Shannon's Abstract Theory of Communication/"Information"]

I'm realizing that the two polarities (1P/3P) of my second-order Logic² are the reverse of Shannon theoretical/mathematical gesture, but this time based on true meaningful information.



Shannon's Master Thesis (1936) show that any numerical operation can be carried out using the basic building blocks of Boolean Algebra: True/False (1/0) and three operations: AND, OR, NOT.

True or False (1 or 0) And, Or, Not

Ve

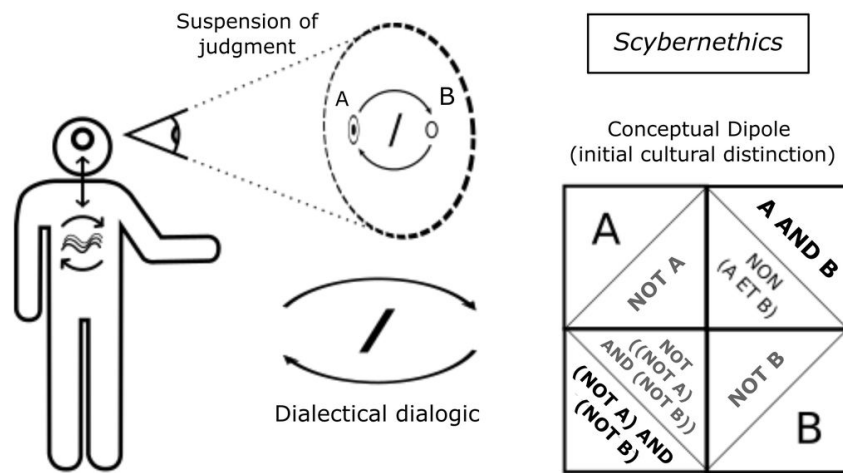
So these operation can be analogically emulated with electronic "logical circuits" (transistors acting as "logic gates"). This is the beginning of the "information" age/"mind as a machine", information being here a *meaningless synthaxical communication*.

Analogue with the Calculus of Propositions. We are now in a position to demonstrate the equivalence of this calculus with certain elementary parts of the calculus of propositions. The algebra of logic (1), (2), (3) originated by George Boole, is a symbolic method of investigating logical relationships. The symbols of Boolean algebra admit of two logical interpretations. If interpreted in terms of classes, the variables are not limited to the two possible values 0 and 1. This interpretation is known as the algebra of classes. If, however, the terms are taken to represent propositions, we have the calculus of propositions

Ve

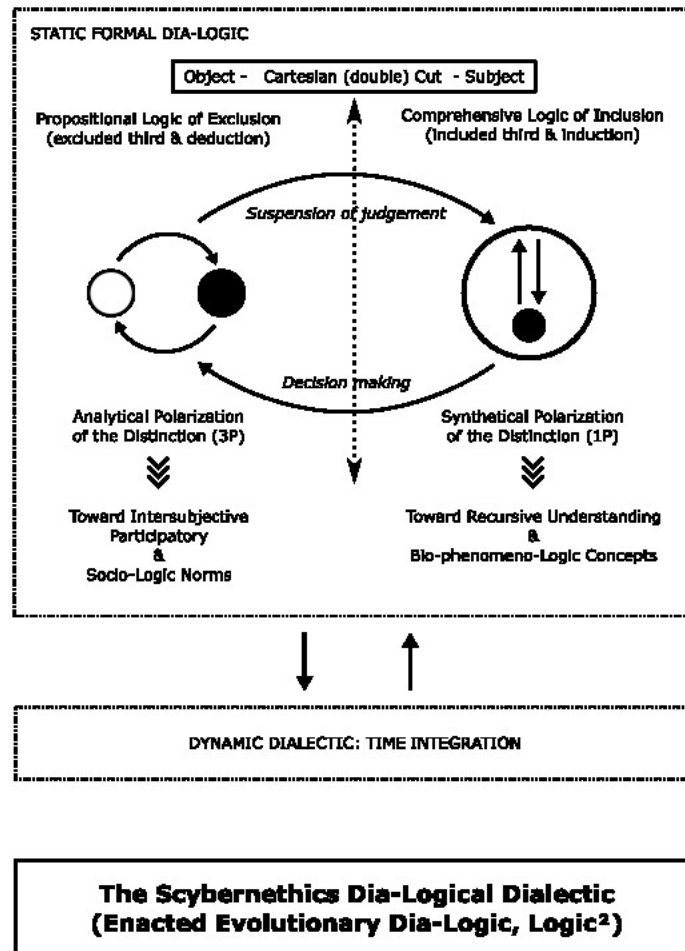
With the two expressions of my second-order Logic², I have done the reverse operation: incarnating/realizing the synthetic potential meaning embedded in the 1P-3P cultural distinctions (aporia).

The first expression being the experiential and practical one (Logic of systematical explorations of intersubjective dipoles), based on real human meaning-making (information). 1P polarized (AND, OR, NOT):

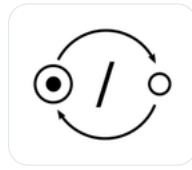


**A Systematical Logic of Knowledge Exploration
(Hermeneutical circle)**

and the second is its evolutionary enacted result, more normative and abstract/generalized (Dia-logical dialectics). 3P polarized:



The two forming together the polarities of a formalized hermeneutic 1P-3P circulation. A dialogic of meaningful in-formation.



@threadreaderapp unroll

...