

# Review of: "[Essay] The Algorithm; Mind of a Virtual Era – Our Code of Codes"

Oldimar Cardoso

**Potential competing interests:** No potential competing interests to declare.

I only understood the meaning of the term "algorithm" in the last paragraphs of this preprint. Although most people can understand "algorithm" as a synonym for "social media algorithms", for me this was not obvious, maybe because I work creating other types of algorithms. The preprint focuses on suggesting the effects of exposing the brain to "social media algorithms", but what I expected from it was an analysis of the impact on the brain of the recurrent use of AIs. The massive use of AIs is recent and its impact will be distinct and even deeper than the impact of "social media algorithms". This is not a defect of the preprint, but a cue for another future text. Some disagreements, to stimulate debate: 1) I not only disagree that the possibility of "deep reading" was lost, but it is only born with algorithms. I give an example: a former professor published a tenure dissertation on the concept of "work in general" in Marx. The jury approved the dissertation and he spent his whole life teaching a concept that doesn't exist, but he thought existed because he didn't know how to read German. The phrases "Arbeit überhaupt", "Arbeit allgemeine", and "Arbeit im allgemeine" have all been translated as "work in general", giving the impression that Marx was enunciating a concept he never enunciated. While we lived in an analogue world, no one realized that this professor was a fraud, it was only the digital "deep reading" that allowed us to expose him. 2) The "falsification of information" is not a danger created by algorithms and the "Donatio Constantini", from the 8th century, is just one example. Algorithms only facilitate the falsification of information and thus create the predisposition that all information can be false, which is positive, as it allows us to perceive today that information is false faster than before algorithms. The 8th century "Donatio Constantini" was only formally denounced as a fake in the 15th century. My fake professor was never denounced.