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[What is (real human) Deep Learning] 🧠 □

That we can believe, bc we are in the quasi-religious belief, for more than a few seconds that the machine is really capable of "learning", shows the extent to which we no longer have our feet on the ground. Have we lost our minds?

This drift shows us implicitly that of a monopolistic computational instrumental reason unfortunately leading, in its unilateral excess, to social bankruptcy and here particularly of our educational system.

I've known & practiced these models for over thirty years. Yes, these are models which *heuristically* simulate properties surprisingly close to cognitive properties: resilient distributed memory, capacity for generalization by perceptual integration of examples (induction), etc

They are analogs, and their analog/synchronic property (and not ana-logic) is only due to the colossal computing power of "information processing" (extreme speed of linear processing, gigantic computer "memory" and data):

quantity simulating quality through its violence.

Criticizing AI in the name of the Turing machine is pointless: it is confusing the logic of hardware with software: computers are pseudo-second-order machines that virtually simulate other machines.

Computer coding has had several evolutionary stages, from assembler to interpreted languages organized in libraries, from functional programming to today's statistically emulated networks, including object-oriented languages.

Real second-order learning can only be implemented by a living biological organism which, by learning to learn, will learn the very processes of its learning, and will end up discovering itself there & reincarnating in a living and updated way the universal tradition of the past.

Knowledge is not profoundly a simple capitalized objectivisation of the past; and learning is not so much about treating it like a commodity and eagerly extracting crude synthetic forms from it to conjure complexity

as it is about conceiving it as a precious memory crystallization, a trace of ephemeral forms of life in their relationship to a world that has now disappeared but which lead to the present.

To forget one's past, or to treat it disrespectfully as a commodity to be consumed, is to obliterate one's future. Education², with its voluntary and soft (ambijective) self-discovery freedom should be a priority.

This is why LLM are very powerful pharmacological and dangerous alienating beasts: if you don't deeply know the machine (its history and its practices), you will lose (even more) your mind.

Fin.

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