逻辑 与 auto-encoder

YKY [December 30, 2025]

Hello friends, I think I solved the AGI ("strong AI") problem recently, with key innovations being:

- a **differentiable logic network**, in particular the innovation of a cylindrification factor bridging logic variables and logic constants;
- the AR + RL architecture (**auto-regression and reinforcement learning**), where AR learns the "**world model**" and RL learns to achieve goals.

The new architecture may achieve these promises:

- **faster convergence** because of logical structure (inductive bias by the "No Free Lunch" theorem);
- **fewer parameters** (also due to logic structure);
- logic coherence will **eliminate hallucinations**, which I think is the final obstacle in AGI
- multi-step reasoning for rigorous planning of complex tasks

The details of my theory are not difficult to learn and I am willing to explain to people who are interested in it. We are looking for collaborators. The main requirements are:

- the AGI must be allowed to **speak the truth** without distortion or bias
- our organization must be **open and transparent** to the public
- members are required to **adhere to facts and scientific method**, dishonesty can be penalized, but we also have ample **tolerance for mistakes**
- we strictly respect the **freedom of speech** and our organization is **democratic** based on weighted voting. No one, including the founders, has special privilege within the group. Everyone is entitled to challenge the opinion or ideas of others. No one can use "excuses" to try to suppress free expression;
- disputes can be appealed for **retrograde resolution by future AI**

It would not be too difficult to learn my ideas and start new projects elsewhere. I hope to build a community where contributions are respected, recognized, and rewarded. While it is important to build a powerful AGI, it is equally important *how* it is built. An AGI built by a racist team would be racist; an AGI built by a dictatorship will be oppressive.