Provable Axiom System, Minsky, And The Mind

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This is from an email I sent today.

[Recipient],

Two parts to this. With 1) one of Gödel's theorems (the one that says an axiom system cannot prove itself); and 2) Minsky's diagrams of unfolding combinatorial principle interconnected relational action-memes:

…one can say, "if the mind can be a) known and proven to oneself; and b) perfected, then it is not an axiom system".

Kevin

P.S. Another of Gödel's theorems shows that in an axiom system, it can never be complete. (This might be a joy for mathematics, since it can continue to extend itself.) But does that deal with infinite realms? It certainly deals with postulates, self-consistency, and extensibility.

Note

'Unfolding combinatorial principle interconnected relational action-memes' is my term. I think it describes Minsky's idea perfectly. (It also readily allows one to step to the Zen space, and works with it.)

Note

Does wisdom transcend if…then, and other forms of logic, or Gödel's table of 12 symbols, or givens? Does our very universe transcend this? What about observational givens, and manifestation? Do we rely on these, and other things, and manifest the transcendence?

Resources

How Gödel's Proof Works by Natalie Wolchover, 2020 July 14, Quanta Magazine
https://www.quantamagazine.org/how-godels-incompleteness-theorems-work-20200714/

The Society Of Mind by Marvin Minsky.
The Emotion Machine: Common Sense Thinking, Artificial Intelligence, And The Future Of The Human Mind by Marvin Minsky.
Inventive Minds: Marvin Minsky On Education by Marvin Minsky, with essays by others.
The Foundations Of Geometry And The Non-Euclidean Plane by George E. Martin.
The Diamond Sutra And The Sutra Of Hui-neng translated by A. F. Price and Wong Mou-lam.
The Flower Ornament Scripture: A Translation Of The Avatamsaka Sutra translated by Thomas Cleary.