Qeios

Peer Review

Review of: "Superintelligence: Identification of Friend or Foe Future Landscape of Cooperation with Non-human Intelligence"

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The paper does not read very well. Concepts are presented as a sequence of

short sentences, often not smoothly connected with each other.

The same feeling comes when looking at the various sections, which are not

suitably introduced, nor connected by a "fil rouge". The objective of the paper is not clear and should

be more explicitly stated and supported throughout the various sections.

SPECIFIC COMMENTS

The title, as it is, does not read well.

At least a comma should be inserted after "Foe".

Even better, I would suggest:

Superintelligence: Identification of Friend or Foe

for Future Cooperation with Non-human Intelligence

In the introduction, the authors say that "Intelligence can potentially be measured as processing or

computational power and by problem-solving efficacy".

The above sentence can be misleading, since a very powerful machine can be very stupid

if not equipped with suitable software. Hence, we cannot say that a high computational power is

sufficient for a high intelligence. I suggest reformulating as follows:

"Intelligence can potentially be measured by problem-solving efficacy".

MISSING REFERENCES

Several works related to the topic are missing. I suggest adding the following ones that are very related to the specific issue addressed by the authors:

 - Bostrom, N. (2016). Superintelligence: Paths, Dangers, Strategies. Oxford: Oxford University Press.

 - Buttazzo, G. (2023). "Rise of Artificial General Intelligence: Risks and Opportunities", Frontiers in Artificial Intelligence, section Machine Learning and Artificial Intelligence.

 - Buttazzo, G. (2001). "Artificial consciousness: utopia or real possibility?" IEEE Computer, 34, 24–30. doi: 10.1109/2.933500

 - Kurzweil, R. (2005). The Singularity Is Near. New York, NY: Viking Press.

Declarations

Potential competing interests: No potential competing interests to declare.