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The Impact of Artificial Superintelligence: Blessing or Curse

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Abstract: The development of artificial superintelligence (ASI) has sparked intense debates and discussions about the potential consequences for humanity. It is essential to evaluate both ASI's benefits and drawbacks because its capabilities exceed those of the average person. The goal of this paper is to offer a thorough examination of the varied aspects of ASI's impact. This study aims to shed light on the tremendous consequences that ASI could have for our world by exploring a wide range of perspectives, ethical conundrums, economic transformations, and potential societal alterations. I explore the potential advantages of ASI in this work, including its ability to change scientific discovery by analyzing massive datasets and producing hypotheses. Additionally, the potential contributions of ASI to the healthcare industry are looked at, including tailored treatment and broadened diagnostics. The report also emphasizes how ASI-driven automation may transform labor markets by obviating routine chores and freeing up human beings to work on innovative and strategic projects.

Keywords: artificial super intelligence, ethical considerations, economic impact, social change, risk mitigation, adoption of AI

REFERENCES

[1] Hart D. and B. Goertzel (2008); 'OpenCog: A Software Framework for Integrative Artificial General Intelligence'; Proceedings of the First AGI Conference, in Wang P., B. Goertzel and S. Franklin (eds.) Artificial Intelligence 2008, IOS Press, Amsterdam, Netherlands (pp. 468-472).

[2] Kurzweil R. (2005); 'The Singularity Is Near: When Humans Transcend Biology'; Viking, Penguin Group, New York, New York.

[3] Amodei, Dario, Chris Olah, Jacob Steinhardt, Paul Christiano, John Schulman, and Dan Mané. 2016. "Concrete Problems in AI Safety." arXiv:1606.06565 [Cs], June.

[4] Barrett, A. M., & Baum, S. D. (2017). A model of pathways to artificial superintelligence catastrophe for risk and decision analysis. Journal of Experimental & Theoretical Artificial Intelligence, 29(2), 397-414

[5] Yudkowsky, E., Salamon, A., Shulman, C., Nelson, R., Kaas, S., Rayhawk, S., & McCabe, T.(2010). Reducing Long-Term Catastrophic Risks from Artificial Intelligence.MachineIntelligence Research Institute.

