Research Seminar Final Presentation

Abhinav Ralhan

University of Koblenz abhinavr8@uni-koblenz.de

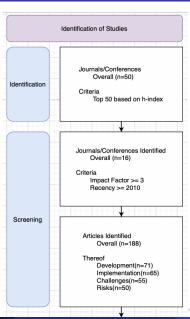
Artificial General Intelligence March 16, 2023

Research Question

Artificial General Intelligence (AGI) is the term for a system that can do or learn to do any intellectual task at human-level performance. AGI is typically noted as strong AI compared to weak AI systems that excel in a narrow domain.

 Research Question: What is the current academic opinion on the development, implementation, challenges, and risks of AGI?

SLR Process



SLR Process



Included

Articles Selected for Review Overall (n=60)

Criteria

Keyword / Page >= Median (11.2)

Thereof

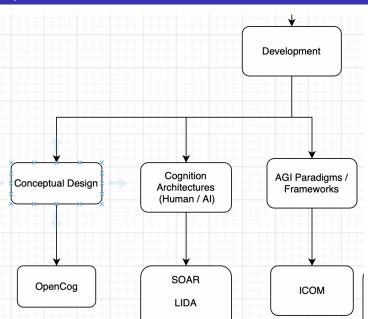
Development(n=24)

Implementation(n=19)

Challenges(n=19)

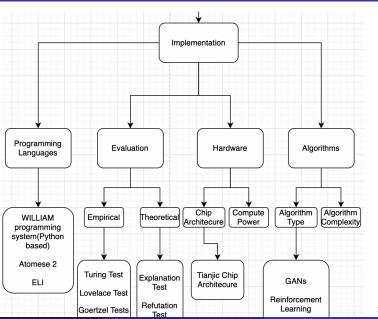
Risks(n=17)

Development

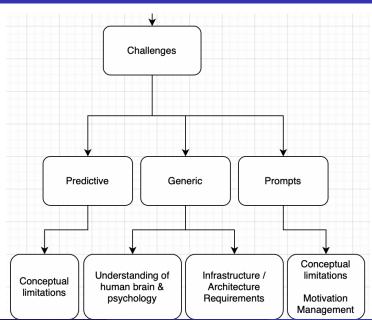




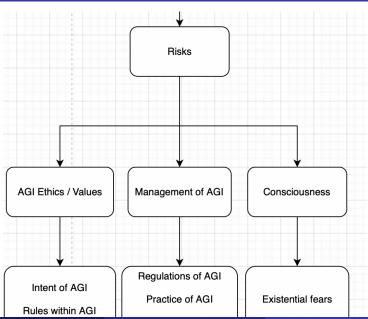
Implementation



Challenges



Risks





Summary

- Highly heterogeneous range of articles across all domains.
- Most promising approaches were analyzing how humans and AGI can learn from each other to improve these AI systems further.