

2.2 - Evaluating Intelligence

Artificial Intelligence Policy

Prof. Jack Reilly

S2026

Think:

- *How can we, as fellow humans, assess whether or not a non-human “intelligence” is actually... intelligent? What kind of guidelines and rules of thumb should we form? What makes something an autonomous system, an intelligent system, a general intelligence system, or even a superintelligence?*

Read:

- Searle, “Minds, Brains, and Programs” (*aka* “The Chinese Room” argument)

Watch:

- “Artificial Intelligence & Personhood”, *Crash Course Philosophy* #23
<https://www.youtube.com/watch?v=39EdqUbj92U>

Listen:

- *Complexity* podcast, Season 2, Episode 5: “How do we assess intelligence?”
<https://www.santafe.edu/culture/podcasts/episode-5-how-do-we-assess-intelligence>

Browse:

- Mitchell, “The Turing Test and our shifting conceptions of intelligence”

Additional Resources:

- Turing, “**Computing Machinery and Intelligence**” (*aka* “The Turing Test”)
- Lycan, “**Robots and Minds**”
- Dennett, “**True Believers: The Intentional Strategy and Why it Works**”
- Boden, “**Escaping from the Chinese Room**”
- “**The Chinese Room Argument**”, *Stanford Encyclopedia of Philosophy*
- “**The Turing Test**”, *Stanford Encyclopedia of Philosophy*

Submit:

- Discussion question to course chat

Tip

- **Read**, **Listen**, and/or **Watch** items are required content for the day and should be completed before class.
- **Browse** items should be skimmed but do not need deep reading unless you want to.
- **Additional Resources** are optional references for debates, final projects, and future use.