

THE ETHICS OF ARTIFICIAL INTELLIGENCE

A white robotic arm is the central focus, set against a background of glowing blue circuit lines. Several water droplets of various sizes are scattered across the scene, adding a sense of depth and texture.

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WHAT IS AI?

- AI: artificial intelligence
- Two types of AI:
 - General AI
 - Narrow AI
- Objective: giving computers manners



HOW CAN WE CONTROL AI?

- Make robots obey instructions:
 - not harm humans
 - obey instructions
 - protect its own existence



IS AI ETHICAL?

- Yes:
 - Rules and guidelines
 - Robot ethics: morally responsible usage and design of robots

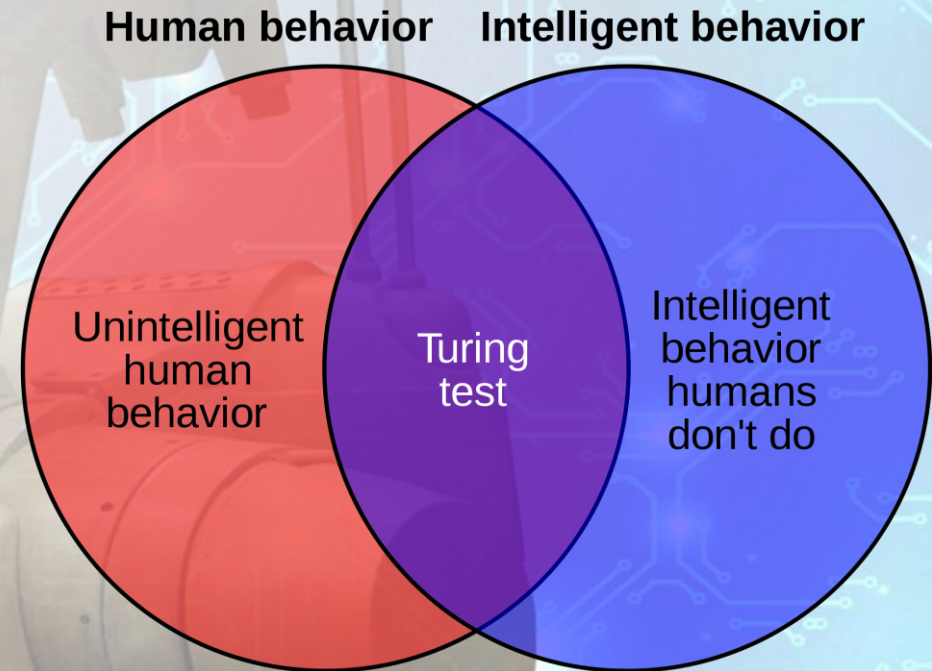
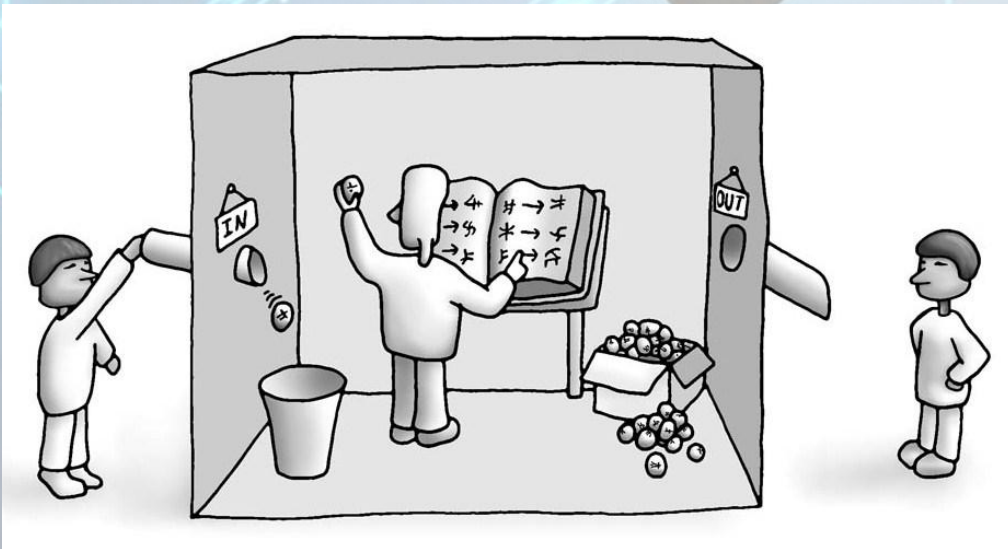


IS AI ETHICAL?

- No:
 - Effects on our behaviour and interaction
 - Can be used as a weapon
 - AI doesn't know human ethics
 - Trolley problem

HOW TO TEST AI...

- Turing test
- Chinese room argument



TURING TEST

- Developed by Alan Turing (1950)
- Tests machine's intelligent behavior
- 3 conversation partners:
 - Human interviewer
 - Machine interviewee
 - Human interviewee

TURING TEST

- Communication via text only channel
 - Interviewer asks
 - Interviewees answers
 - (Artificial) interviewee behaves like a human
- > If interviewer can't say who is human, machine completed test successfully

CHINESE ROOM ARGUMENT

- Published by John Searle (1980)
- Mind-experiment to prove that a program can't give a computer a mind:
 - Closed room with a non native speaker of Chinese
 - Person translates Chinese symbols
 - Uses instructions in native language
- > Chinese native speaker thinks person can speak Chinese

ARE PEOPLE AGAINST AI?

- Elon Musk's opinion
- Stephen Hawking's opinion



WHICH COMPANIES SUPPORT AI?

- Facebook
- Google
- Tesla
- Microsoft
- Amazon



CONCLUSION



- AI
- Controlling AI
- AI ethics
- Testing AI
- People opinions on AI
- Companies using AI

A 3D rendered robotic arm, colored in a light beige or tan hue, is the central focus. The arm is positioned in a slightly curved, downward-facing pose. The background is a light blue gradient, overlaid with a complex network of glowing white and cyan circuit lines that resemble a printed circuit board. Several translucent, spherical bubbles of varying sizes are scattered throughout the scene, particularly in the upper and lower corners, adding a sense of depth and a futuristic aesthetic. The overall lighting is soft and ethereal, with a slight glow emanating from the circuit lines.

THANK YOU FOR YOUR ATTENTION!