Course Evaluation

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• Confidential
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• Most useful form of feedback for instructors
The Mind-Body Problem
What Are Minds Made Of?

Dualism
- Mind and body are two different things
- Mind non-physical

Materialism
- Only material objects exist
- Physical states are mental states
- “Brains cause minds”
- Biological naturalism vs. functionalism
AI: The Very Idea

For as long as people have made machines, they have wondered whether machines could be made intelligent.

(pictures: Wikipedia)
“The brain is a computer.”
The AI Hypothesis

Weak AI Hypothesis:
• A computer program can be built that acts as intelligently as a human.
• This is about behavior.
• It makes no claim about minds or even thought.

Strong AI Hypothesis:
• A machine that behaves as intelligently as a human has a mind and is thinking.
• Assumes that the Weak AI hypothesis is true.
• This is a claim about minds and thought.
Turing


“Can machines think?”
Turing Test
Objections

The Theological Objection
The Head-In-The-Sand Objection
The Mathematical Objection
The Argument from Consciousness
The Argument from Various Disabilities
The Chinese Room

Where’s the mind / understanding / consciousness?

in

out

rules
Highly Recommended (but dated)
Social and Ethical Issues

The emergence of ever-more intelligent machines has potentially serious consequences for our world.

- Job losses
- Too much (or too little) leisure time
- Loss of ‘uniqueness’
- Loss of accountability
- Loss of privacy
- AI systems might take over the world