

Introduction to Philosophy

Philosophy 110W
Fall 2014
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Class #18 - Introduction to the Mind

Business

- Philosophy Movie Night is on!
 - ▶ Next Monday, November 3, at 8pm: Looper
 - ▶ Thanks, Juliet!
 - ▶ Snacks? Pizza?
 - ▶ Feel free to invite friends.
- Philosophy courses for next year
- Rewrites of Papers 1 or 2 (optional) are due on November 20



Peer Review

1. Provide the author of the paper you are reviewing with criticism that you believe will help the author improve the paper. Make sure to indicate both what is good in the paper and what could use improvement, but try to stay positive.

2. Focus on the philosophical content of the paper. You may make suggestions about grammar, word choice, sentence structure, and organization. But, try to focus on the arguments.

- ▶ Is the author's thesis clear?
- ▶ Are the exegetical passages defensible interpretations of the original?
- ▶ Does the body of the paper support the thesis?
- ▶ Is the narrative cohesive?
- ▶ How could the author improve the paper?

3. All comments should be made respectfully and tactfully. Be honest and critical. Make sure that you understand the difference between being critical, which is good, and being rude. Focus on the paper, rather than the author to avoid personal attacks. It is better to write, "The paper contains dangling participles," than, "You dangle your participles." Detailed suggestions are better than fawning praise.

4. You have five days to complete your peer reviews. Hard copies of your comments, roughly 300-600 words, are due to the authors at the beginning of class on Tuesday, November 4.

Paper Exchanges

In Review Groups: read first paragraphs

Read slowly and carefully.

Reviewers should be able to identify the thesis of the paper.

Dennett's Case(s)

Maybe I'm a brain!

- 1. After the surgery: Where am I? (311)**
2. Attempting to convince himself that he is suspended in the vat (312)
3. Considering alternative 1: He is his body (Hamlet) (313)
4. Considering alternative 2: He is his brain (Yorick) (313)
- 5. Considering alternative 3: The point-of-view theory (314-5)**
- 6. Another alternative: He is in two places at the same time (316)**
7. The death of Hamlet (317)
- 8. A new body (Fortinbras) is synchronized with Yorick (319)**
9. Hubert, the computer back-up for Yorick, is introduced (320)
- 10. Flipping between Hubert and Yorick (320)**
11. Considering synchronizing a new body with Hubert or Yorick (320)
12. A conundrum: I survive if either pair survives, but I may not want both. (321)
13. Disembodied Hubert/Yorick (321)
14. Asynchrony (322)

On to the Philosophy of Mind

Reductions and Mind

- A reduction is an explanation in simpler or more fundamental terms.
- Personal identity:
 - ▶ Reductive theories of the self
 - Plato, Descartes, Locke
 - ▶ Or: arguments that a reduction is impossible
 - Reid, Hume, Parfit
- Philosophy of mind: What are minds and mental states?
 - ▶ Are minds explicable in physical terms?
 - Behaviors?
 - Brains?
 - How are minds related to bodies?
 - ▶ What is consciousness?
 - How do conscious states relate to other mental states?
 - Is the mind the software of the brain?
- Seeking either a reduction of mental states or an argument that reduction is impossible.

Two Kinds of Mental States

Phenomenal and Intentional



- Phenomenal states are conscious mental states.
 - ▶ sensations
 - ▶ portions of emotions
 - the dog barking in the yard
 - the smell of garlic
 - the blue sky
 - a tickling sensation
 - my joy, or my anger, or my anxiety, or my appreciation
 - my belief that it is sunny or my belief that the tangent to a circle meets a radius of that circle at right angles
- Descartes: all mental states are conscious and the only conscious things are minds.
 - ▶ But there seem to be unconscious mental states.
 - ▶ emotions, feelings, or attitudes
 - ▶ non-occurrent beliefs
 - That I love my children
 - That the square root of two is irrational

Intentional States

- Intentions have some content, are about something, represent.
- Propositional attitudes
 - relations between people and a proposition
 - A proposition is a mind- and language-independent fact.
 - that snow is white
 - that $2+2=4$
 - that I will eat lasagne for dinner.
 - I can believe that snow is white or desire that I will eat lasagne for dinner.
- As well as having intentions, we attribute them to other people.
- It is an open question whether all mental states are of one kind or another, or whether conscious experience and intentionality are two different kinds of mental states.

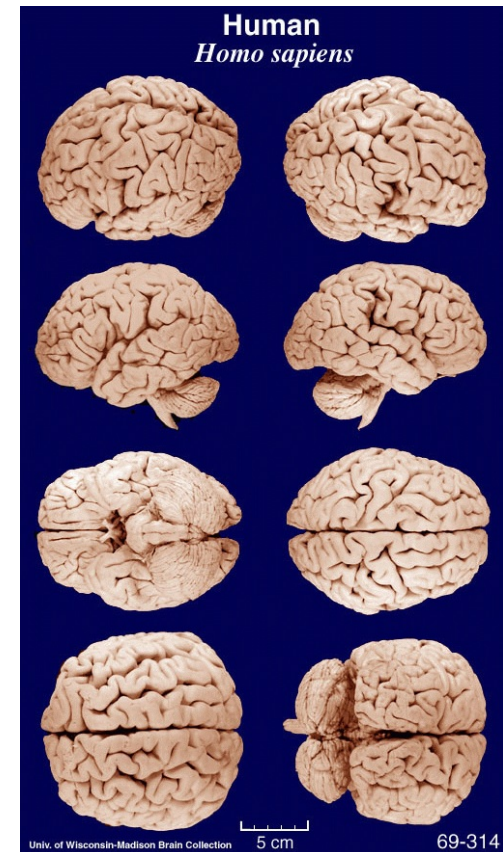
From Dualism to Materialism

- Until the twentieth century, few philosophers took the possibility of a physical theory of mind seriously.
- Over the last century, philosophers of mind developed a variety of theories attempting to accommodate a materialist framework.
- We will look at four distinct theories of mind.
 - dualism
 - behaviorism
 - identity theory
 - functionalism
- At the end, we will look specifically at the problem of consciousness.

Two Problems of Consciousness

an easy problem and a hard problem

- The so-called easy problem involves determining the functions of the brain.
 - ▶ Neuroscience is essential
 - ▶ perceptual systems
 - ▶ attention spans
 - ▶ phenomena like staring
 - ▶ An understanding of the brain, and the rest of the body.



The Hard Problem of Consciousness

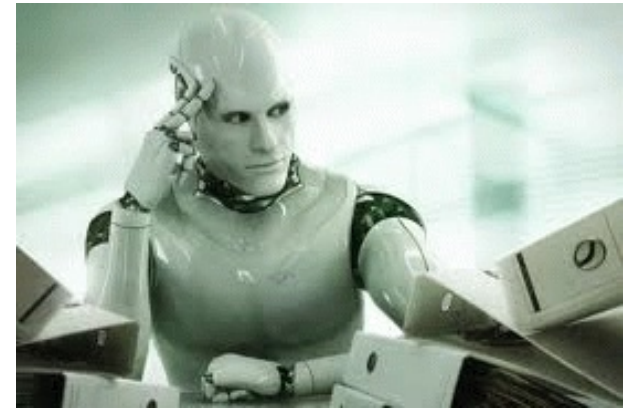
- The hard problem is to explain the connection between brains and conscious awareness.
 - ▶ The neural correlates of consciousness does not suffice for explaining what it is to be conscious.
 - ▶ Consciousness involves experience, rather than function.
- We don't know whether cognitive neuroscience can tell us anything, or everything, about who we are.
 - ▶ It seems obvious that a complete description of our bodies, especially our brains, will suffice to explain our minds, and thus who we are.
 - ▶ But the nature of conscious awareness seems to resist physical explanation.

Locke on the Hard Problem

That the size, figure, and motion of one body should cause a change in the size, figure, and motion of another body is not beyond our conception. The separation of the parts of one body upon the intrusion of another and the change from rest to motion upon impulse, these and the like seem to have some *connection* one with another. And if we knew these primary qualities of bodies, we might have reason to hope we might be able to know a great deal more of these operations of them one upon another. But our minds not being able to discover any *connection* between these primary qualities of bodies and the sensations that are produced in us by them, we can never be able to establish certain and undoubted rules of the consequence or *coexistence* of any secondary qualities, though we could discover the size, figure, or motion of those invisible parts which immediately produce them. We are so far from knowing what figure, size, or motion of parts produce a yellow color, a sweet taste, or a sharp sound that we can by no means conceive how any *size, figure, or motion* of any particles can possibly produce in us the *idea* of any *color, taste, or sound* whatsoever; there is no conceivable *connection* between the one and the other (*Essay IV.III.13*).

Can Machines Think?

- If we had physical explanations of consciousness, then in theory we could construct machines that think.
 - ▶ Not just by procreating
- Machine Abilities
 - ▶ menial tasks
 - ▶ chess
 - ▶ Jeopardy
 - ▶ poetry
 - ▶ art
- But the idea that a physical machine could think is uncomfortable, for many of us.
 - ▶ “Not until a machine can write a sonnet or compose a concerto because of thoughts and emotions felt, and not by the chance fall of symbols, could we agree that machine equals brain, that is, not only write it but know that it had written it. No mechanism could feel (and not merely signal, an easy contrivance) pleasure at its successes, grief when its valves fuse, be warmed by flattery, be made miserable by its mistakes, be charmed by sex, be angry or depressed when it cannot get what it wants” (in Alan Turing, “Computing Machinery and Intelligence,” *Mind*, 1950).

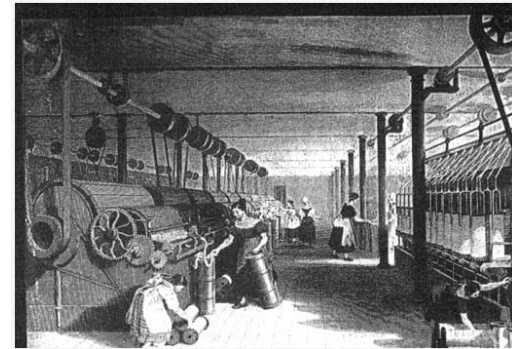


Distinguishing Persons from Mere Machines

- Standard View
 - ▶ The abilities of machines to perform even complicated tasks are due to our intelligence, our minds, and not their own.
 - ▶ Machines can only do what we tell them to do.
 - ▶ Plausible?
- Lister's claim
 - ▶ Not: we can distinguish ourselves by what we do or make.
 - ▶ Real intelligence involves internal processes that cause those behaviors or products.

Internal Processes

- Internal processes of machines may be unobservable.
- We can see levers and dials and circuits.
 - Leibniz's Mill
 - “*Perception*, and what depends on it, *is inexplicable in terms of mechanical reasons*, that is, through shapes and motions...When inspecting its interior, we will only find parts that push one another, and we will never find anything to explain a perception” (M17, AW 276b).
- What would it mean to see the intelligence of a machine?
- How does one see a mind?
- How do we see the intelligence of another person?
- Inferring the existence of other minds



Liberals, Chauvinists, Solipsists

- Liberal view of minds
 - ▶ minds are just information processors
 - ▶ Defenders of artificial intelligence
 - ▶ “Saying Deep Blue doesn’t really think about chess is like saying an airplane doesn’t really fly because it doesn’t flap its wings” (Drew McDermott).
- Chauvinistic view
 - ▶ only humans have minds
- Solipsism
 - ▶ An even narrower view
 - ▶ I have good reasons only to believe that I have a mind.

Do Animals Have Mental States?

- Smart Chimps
- Painting Elephant
- What we say about the nature of mental states will be general.
- It will apply to all sorts of things: humans, robots, aliens, and animals.

Eliminativism about Minds

One last view

- Eliminative materialists believe that our ordinary language will be abandoned in the future for a more precise language about our brains and bodies.
- “Paul feels pain differently than he used to: when he cuts himself shaving now he feels not “pain” but something more complicated—first the sharp, superficial A-delta-fibre pain, and then, a couple of seconds later, the sickening, deeper feeling of C-fibre pain that lingers. The new words, far from being reductive or dry, have enhanced his sensations, he feels, as an oenophile’s complex vocabulary enhances the taste of wine... One afternoon recently, Pat burst in the door, having come straight from a frustrating faculty meeting. “She said, ‘Paul, don’t speak to me, my serotonin levels have hit bottom, my brain is awash in glucocorticoids, my blood vessels are full of adrenaline, and if it weren’t for my endogenous opiates I’d have driven the car into a tree on the way home. My dopamine levels need lifting. Pour me a Chardonnay, and I’ll be down in a minute.’”” (The *New Yorker* profile of the Churchlands, February 12, 2007).