

### The Trolley Problem

“...to make the parallel as close as possible it may rather be supposed that he is the driver of a runaway tram which he can only steer from one narrow track on to another; five men are working on one track and one man on the other; anyone on the track he enters is bound to be killed...The question is why we should say, without hesitation, that the driver should steer for the less occupied track...”

--Philippa Foot, “The Problem of Abortion and the Doctrine of the Double Effect”

### Henrietta

“...Imagine that we take a normal human being, Henrietta, and begin gradually replacing parts of her with synthetic materials--first a few prosthetic limbs, then a few synthetic arteries, then some neural fibers, and so forth. Suppose that the surgeons who perform the successive operations (particularly the neurosurgeons) are so clever and skillful that Henrietta survives in fine style: her intelligence, personality, perceptual acuity, poetic abilities, etc., remain just as they were before. But after the replacement process has eventually gone on to completion, Henrietta will have become an artifact--at least, her body will then be nothing but a collection of artifacts. Did she lose consciousness at some point during the sequence of operations, despite her continuing to behave and respond normally? When?”

--William Lycan, *Consciousness*

### The Experience Machine

“Suppose there were an experience machine that would give you any experience you desired. Superduper neuropsychologists could stimulate your brain so that you would think and feel you were writing a great novel, or making a friend, or reading an interesting book. All the time you would be floating in a tank, with electrodes attached to your brain. Should you plug into this machine for life, preprogramming your life’s experiences? If you are worried about missing out on desirable experiences, we can suppose that business enterprises have researched thoroughly the lives of many others. You can pick and choose from their large library or smorgasbord of such experiences, selecting your life’s experiences for, say, the next two years. After two years have passed, you will have ten minutes or ten hours out of the tank, to select the experiences of your next two years. Of course, while in the tank you won’t know that you’re there; you’ll think it’s all actually happening. Others can also plug in to have the experiences they want, so there’s no need to stay unplugged to serve them. (Ignore problems such as who will service the machines if everyone plugs in.) Would you plug in? *What else can matter to us, other than how our lives feel from the inside?*”

--Robert Nozick, *Anarchy, State, and Utopia*

### Grue

“Now let me introduce another predicate less familiar than “green”. It is the predicate “grue” and it applies to all things examined before *t* just in case they are green but to other things just in case they are blue. Then at time *t* we have, for each evidence statement asserting that a given emerald is green, a parallel evidence statement asserting that that emerald is grue. Thus according to our definition, the prediction that all emeralds subsequently examined will be green and the prediction that all will be grue are alike confirmed by evidence statements describing the same observations. But if an emerald subsequently examined is grue, it is blue and hence not green. Thus although we are well aware which of the two incompatible predictions is genuinely confirmed, they are equally well confirmed according to our present definition.”

--Nelson Goodman, *Fact, Fiction, and Forecast*

### Descartes' Demon

“I will therefore suppose that, not a true God, who is very good and who is the supreme source of truth, but a certain evil spirit, not less clever and deceitful than powerful, has bent all his efforts to deceiving me. I will suppose that the sky, the air, the earth, colors, shapes, sounds, and all other objective things that we see are nothing but illusions and dreams that he has used to trick my credulity. I will consider myself as having no hands, no eyes, no flesh, no blood, nor any senses, yet falsely believing that I have all these things. I will remain resolutely attached to this hypothesis; and if I cannot attain the knowledge of any truth by this method, at any rate it is in my power to suspend my judgment. That is why I shall take great care not to accept any falsity among my beliefs and shall prepare my mind so well for all the ruses of this great deceiver that, however powerful and artful he may be, he will never be able to mislead me in anything.”

-- René Descartes, *Meditations on First Philosophy*

### The Extended Mind

“Now consider Otto. Otto suffers from Alzheimer’s disease, and like many Alzheimer’s patients, he relies on information to help structure his life. Otto carries a notebook around with him everywhere he goes. When he learns new information, he writes it down. When he needs some old information, he looks it up. For Otto, his notebook plays the role usually exhibited by a biological memory. Today, Otto hears about the exhibition at the Museum of Modern Art, and decides to go see it. He consults the notebook, which says that the museum is on 53rd Street, so he walks to 53rd Street and goes into the museum.

Clearly, Otto walked to 53rd Street because he wanted to go to the museum and he believed the museum was on 53rd Street. And just as Inga had her belief even before she consulted her memory, it seems reasonable to say that Otto believed the museum was on 53rd Street even before consulting his notebook. For in relevant respects the cases are entirely analogous: the notebook plays for Otto the same role that memory plays for Inga. The information in the notebook functions just like the information constituting an ordinary non-occurrent belief; it just happens that this information lies beyond the skin.”

--Andy Clark and David Chalmers, “The Extended Mind”

### Mary's Room

“Mary is a brilliant scientist who is, for whatever reason, forced to investigate the world from a black and white room via a black and white television monitor. She specializes in the neurophysiology of vision and acquires, let us suppose, all the physical information there is to obtain about what goes on when we see ripe tomatoes, or the sky, and use terms like “red,” “blue,” and so on. She discovers, for example, just which wave-length combinations from the sky stimulate the retina, and exactly how this produces via the central nervous system the contraction of the vocal chords and expulsion of air from the lungs that results in the uttering of the sentence “The sky is blue”....

“What will happen when Mary is released from her black and white room or is given a colour television monitor? Will she learn anything or not? It seems just obvious that she will learn something about the world and our visual experience of it. But then it is inescapable that her previous knowledge was incomplete. But she had all the physical information. Ergo there is more to have than that, and Physicalism is false.”

--Frank Jackson, “Epiphenomenal Qualia”

### Parfit's Teletransporter

“I enter the Teletransporter. I have been to Mars before, but only by the old method, a space-ship journey taking several weeks. This machine will send me at the speed of light. I merely have to press the green button. Like others, I am nervous. Will it work? I remind myself what I have been told to expect. When I press the button, I shall lose consciousness, and then wake up at what seems a moment later. In fact I shall have been unconscious for about an hour. The Scanner here on Earth will destroy my brain and body, while recording the exact states of all of my cells. It will then transmit this information by radio. Travelling at the speed of light, the message will take three minutes to reach the Replicator on Mars. This will then create, out of new matter, a brain and body exactly like mine. It will be in this body that I shall wake up.

Though I believe that this is what will happen, I still hesitate. But then I remember seeing my wife grin when, at breakfast today, I revealed my nervousness. As she reminded me, she has been often teletransported, and there is nothing wrong with *her*. I press the button. As predicted, I lose and seem at once to regain consciousness, but in a difference cubicle. Examining my new body, I find no change at all. Even the cut on my upper lip, from this morning’s shave, is still there.”

--Derek Parfit, *Reasons and Persons*

### Laplace's Demon

“We may regard the present state of the universe as the effect of its past and the cause of its future. An intellect which at a certain moment would know all forces that set nature in motion, and all positions of all items of which nature is composed, if this intellect were also vast enough to submit these data to analysis, it would embrace in a single formula the movements of the greatest bodies of the universe and those of the tiniest atom; for such an intellect nothing would be uncertain and the future just like the past would be present before its eyes.”

--Pierre-Simon Laplace, *A Philosophical Essay on Probabilities*

*All pieces are 20x30, Rives BFK paper, digital painting*