

It could be time to start thinking about a cybernetic Bill of Rights

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HBO's Westworld. Credit: [John P. Johnson/HBO](#)

Like it or loathe it, the robot revolution is now well underway and the futures described by writers such as Isaac Asimov, [Frederik Pohl](#) and Philip K. Dick are fast turning from science fiction into science fact. But should robots have rights? And will humanity ever reach a point where human and machine are treated the same?

At the heart of the debate is that most fundamental question: what does

it mean to be human? Intuitively, we all think we know what this means—it almost goes without saying. And yet, as a society, we regularly dehumanise others, and cast them as animal or less than human—what philosopher [Giorgio Agamben](#) describes as "bare life".

Take the homeless for example. People who the authorities treat much like animals, or less than animals (like pests) who need to be guarded against with [anti-homeless spikes](#) and [benches designed to prevent sleep](#). A similar process takes place within a military setting, where enemies are cast as less than human [to make them easier to fight and easier to kill](#).

Humans also do this to other "outsiders" such as immigrants and refugees. While many people may find this process disturbing, these artificial distinctions between insider and outsider reveal a key element in the operation of power. This is because our very identities are fundamentally built on assumptions about who we are and what it means to be included in the category of "human". Without these wholly arbitrary distinctions, we risk exposing the fact that we're all a lot more like animals than we like to admit.

Being human

Of course, things get a whole lot more complicated when you add robots into the mix. Part of the problem is that we find it hard to decide what we mean by "thought" and "consciousness" and even what we mean by "life" itself. As it stands, the human race doesn't have a strict scientific definition on when life begins and ends.

Similarly, we don't have a clear definition on what we mean by intelligent thought and how and why people think and behave in different ways. If intelligent thought is such an important part of being human ([as some would believe](#)), then what about other intelligent

creatures such as [ravens](#) and dolphins? What about biological humans with below average intelligence?

These questions cut to the heart of the rights debate and reveal just how precarious our understanding of the human really is. Up until now, these debates have solely been the preserve of science fiction, with the likes of [Flowers for Algernon](#) and *Do Androids Dream of Electric Sheep?* exposing just how easy it is to [blur the line between the human and non-human other](#). But with the rise of [robot](#) intelligence these questions become more pertinent than ever, as now we must also consider the thinking machine.

Machines and the rule of law

But even assuming that robots were one day to be considered "alive" and sufficiently intelligent to be thought of in the same way as human beings, then the next question is how might we incorporate them into society and how we might hold them to account when things go wrong?

Traditionally, we tend to think about rights alongside responsibilities. This comes as part of something known as social contract theory, which is often associated with political philosopher [Thomas Hobbes](#). In a modern context, rights and responsibilities go hand-in-hand with a system of justice that allows us to uphold these rights and enforce the rule of law. But these principles simply cannot be applied to a machine. This is because our human system of justice is based on a concept of what it means to be human and what it means to be alive.

So, if you break the law, you potentially forfeit some part of your life through incarceration or (in some nations) even death. However, machines cannot know mortal existence in the same way humans do. They don't even experience time in the same way as humans. As such, it doesn't matter how long a prison sentence is, as a machine could simply

switch itself off and remain essentially unchanged.

For now at least, there's certainly no sign of robots gaining the same rights as human beings and we're certainly a long way off from machines thinking in a way that might be described as "conscious thought". Given that we still haven't quite come to terms with the rights of intelligent creatures such as ravens, dolphins and chimpanzees, the prospect of robot rights would seem a very long way off.

The question then really, is not so much whether robots should have rights, but whether we should distinguish human rights from other forms of life such as animal and machine. It may be that we start to think about a cybernetic Bill of Rights that embraces all thinking beings and recognises the blurred boundaries between human, animal and machine.

Whatever the case, we certainly need to move away from the distinctly problematic notion that we humans are in some way superior to every other form of life on this planet. Such insular thinking has already contributed to the global climate crisis and continues to create tension between different social, religious and ethnic groups. Until we come to terms with what it means to be human, and our place in this world, then the problems will persist. And all the while, the [machines](#) will continue to gain intelligence.

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