## Can Machines Have Rights?

#### David J. Gunkel

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#### Moral Machines

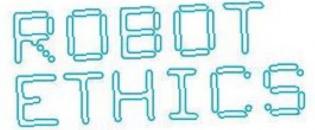
Teaching Robots Right from Wrong



Wendell Wallach

Michael Anderson Susan Leigh Anderson, Editors

#### Machin Ethics

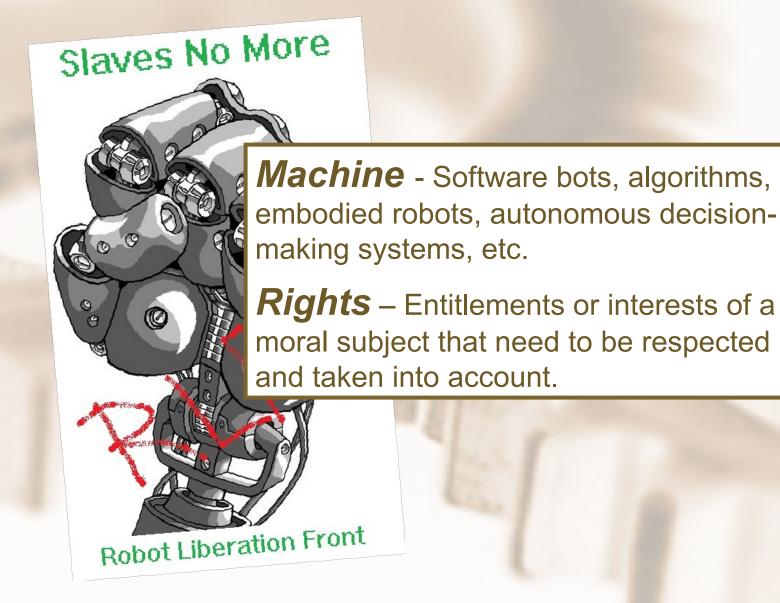


THE ETHICAL AND SOCIAL IMPLICATIONS OF ROBOTICS

Patrick Lin, Keith Abney, and George A. Bekey







#### **Can Machines Have Rights?**

#### Agenda

1) Default Setting

The Anthropocentric and Instrumental Theory

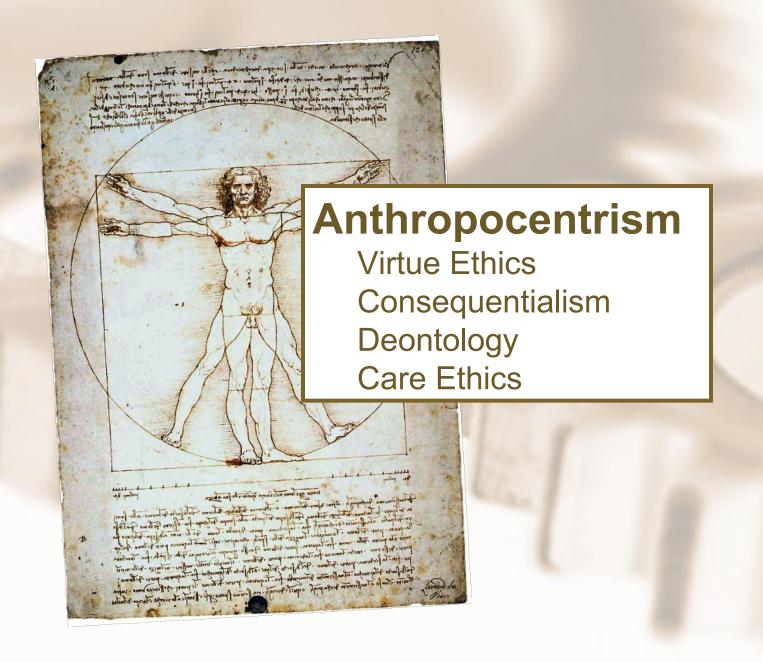
2) Animal Rights Philosophy

Critical Challenges to the Default Setting

3) Thinking Otherwise

Alternative Formulations of Moral Standing

# (1) Default Setting







WHEN HUMANS TRANSCEND BIOLOGY THE SINGULARITY IS NEAR RAY

AUTHOR OF THE AGE OF SPIRITUAL MACHINES

## Hans Moravec M·I·N·D CHILDREN

Thorn

of Robot and Intelligence



Flesh and Machines

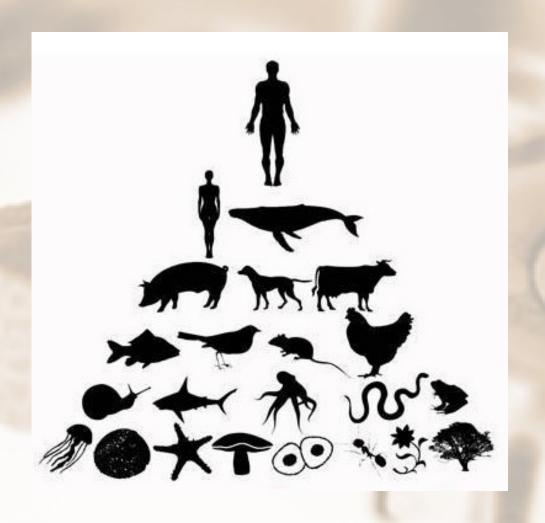
How Robots Will Change Us

Rodney A.

Brooks

"A book that will spark intense reactions and generate mind-twisting questions."

"THE BDSTON GLOSE





#### MORAL PERSONHOOD

An Essay in the Philosophy of Moral Psychology

G. E. Scott

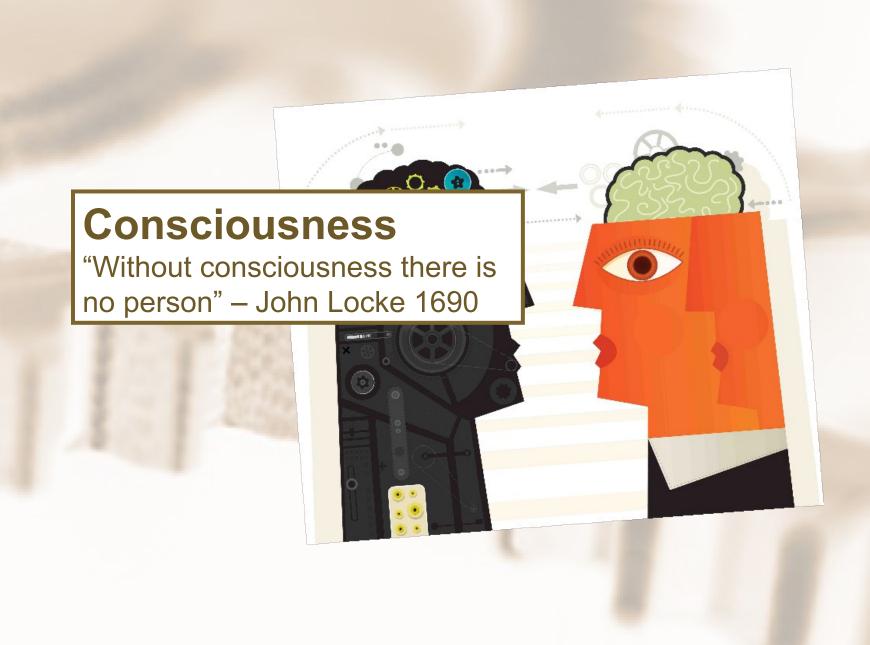


Dimensions of Personhood Can Animals and Machines Be Persons?

A DIALOGUI

Justin Leiber

Arto Laitinen and Heikki Ikaheimo (ed.)

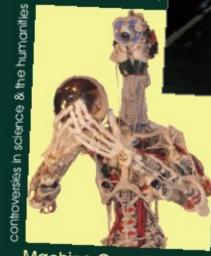


## THE COGNITIVE APPROACH TO CONSCIOUS MACHINES

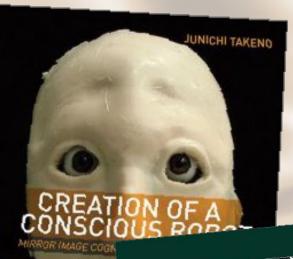
Pentti Principal Scientist, Cr



Volume 14,



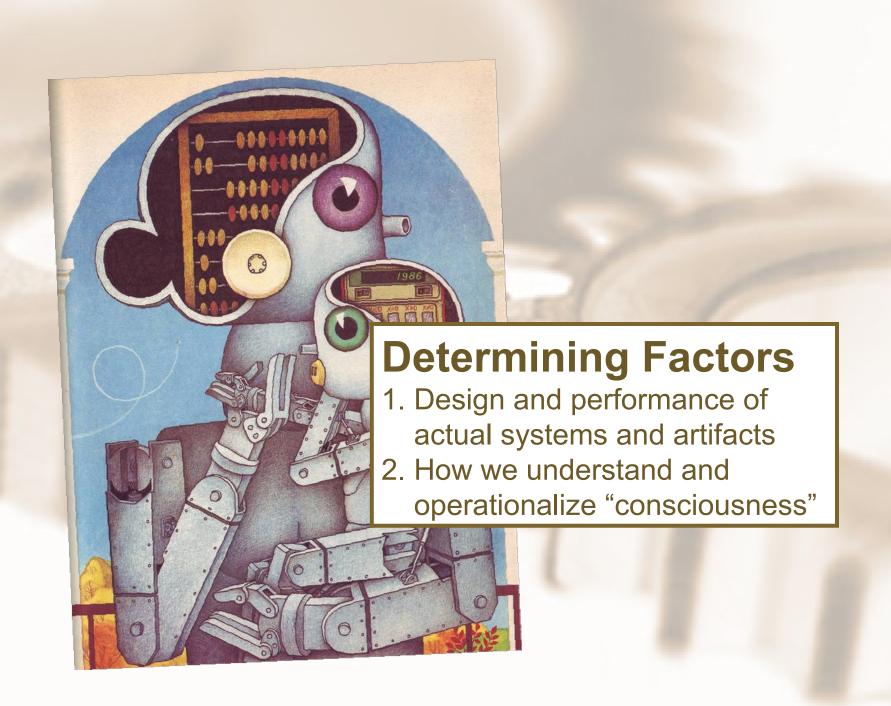
Machine Consciousness embodiment and imagination





machine consciousness

> edited by owen holland





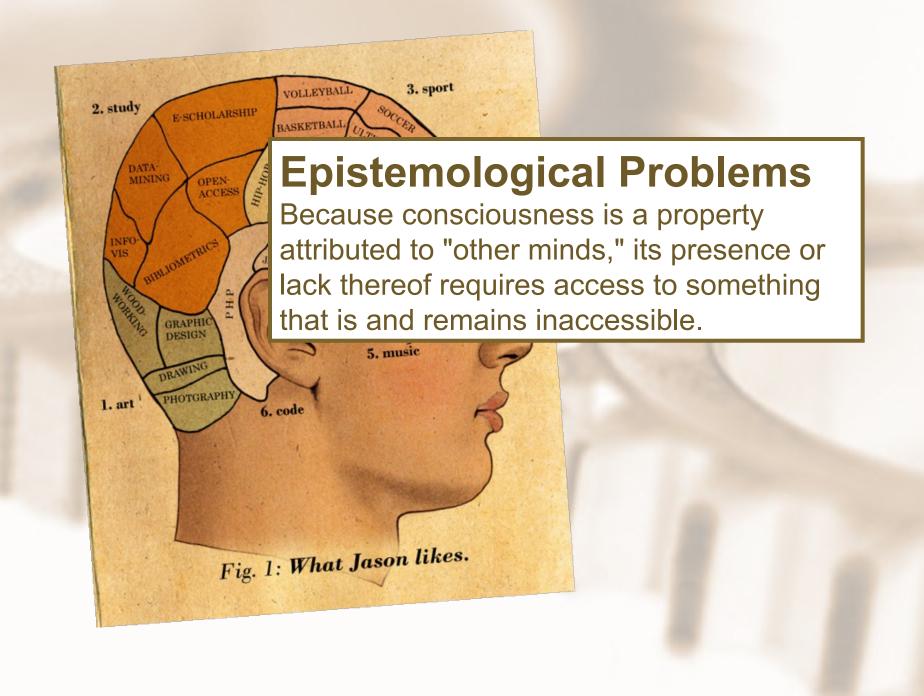
#### **Terminological Problems**

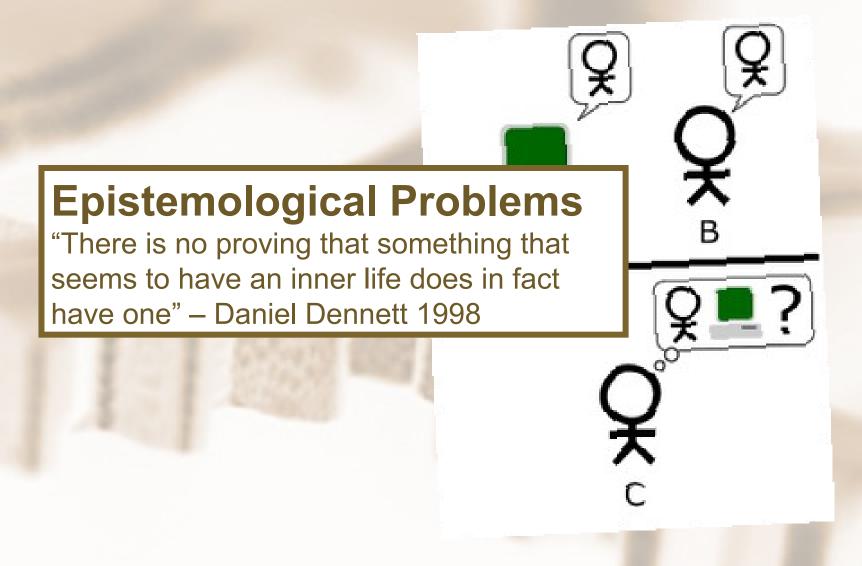
"The term means many different things to many different people, and no universally agreed core meaning exists." – Max Velmans 2005

Understanding Consciousness

Second Edition

Max Velmans





## 2 Animal Rights

"The Case for Arimal Rights is beyond question the roost important philosophical contribution to arising rights and is a major work in moral philosophy." — Asimal Law Review

## ANIMAL RIGHTS

## Animal



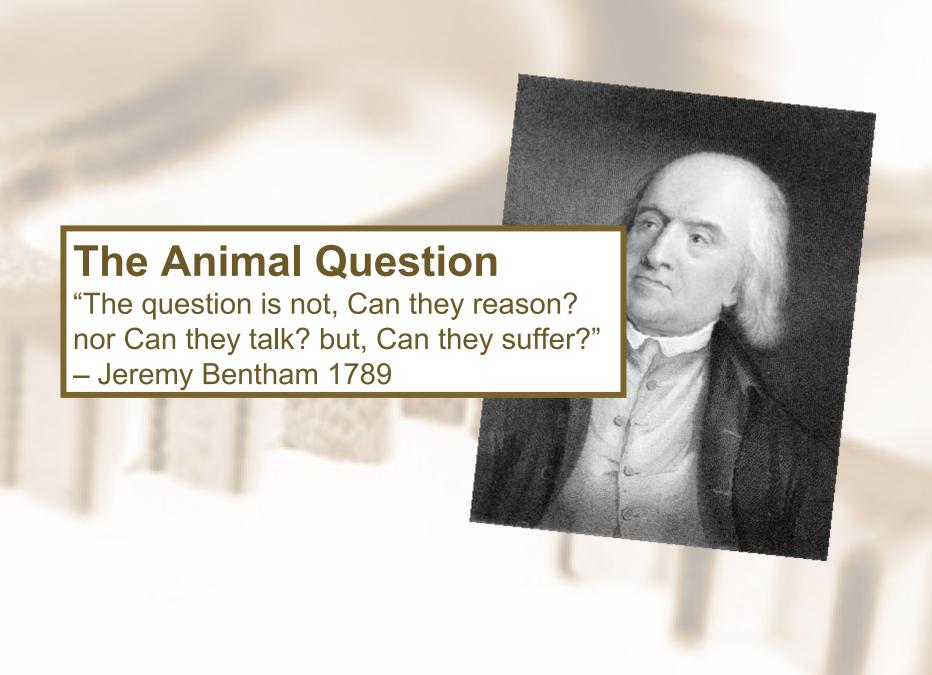
"A most important book that will change the way many of us look at animals—and, ultimately, at ourselves -



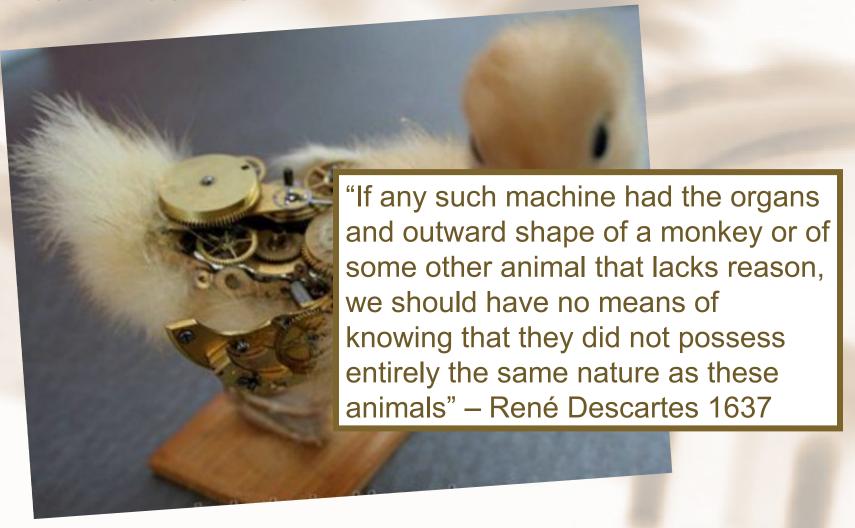
The Animal That Therefore I Am

Edited by Marie Louise Mallet Translated by David Wills





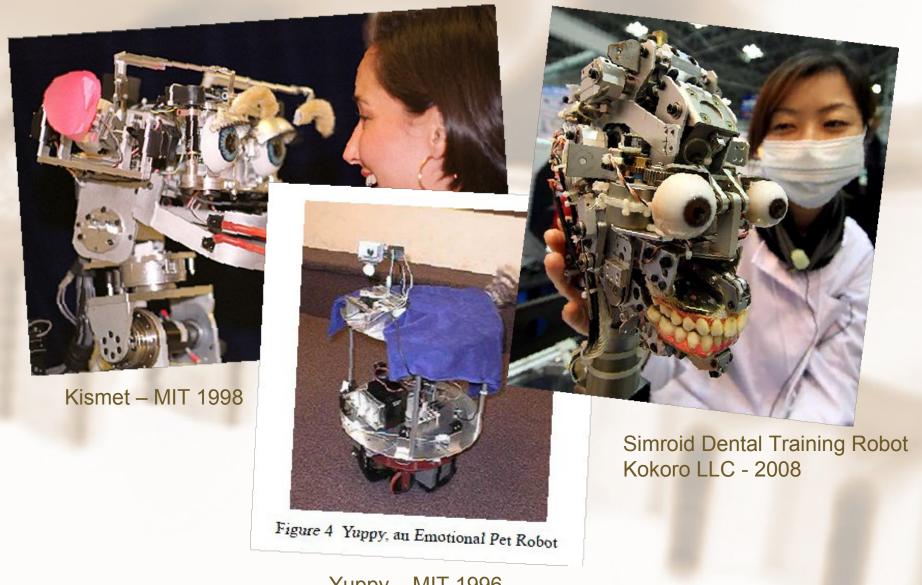
#### bête-machine



"A stone does not have interests because it cannot suffer. Nothing that we can do to it could possibly make any difference to its welfare. A mouse, on the other hand, does have an interest in not being kicked along the road, because it will suffer if it is."— Peter Singer 1975

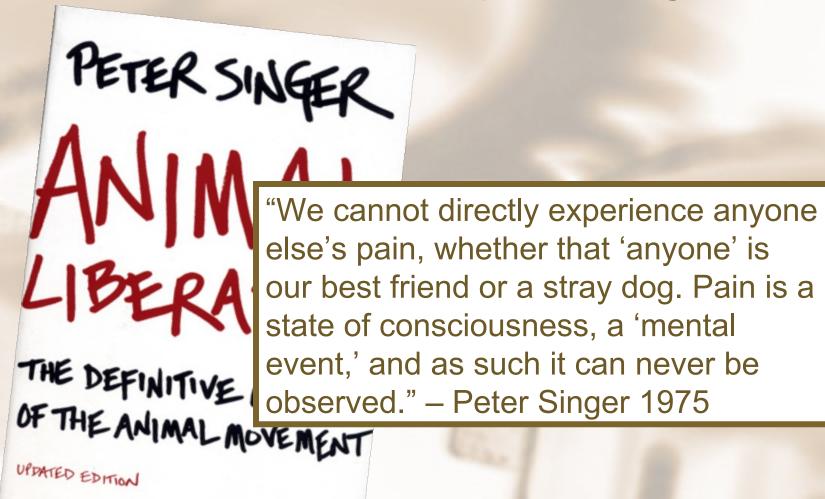


#### 1. Engineering Practice



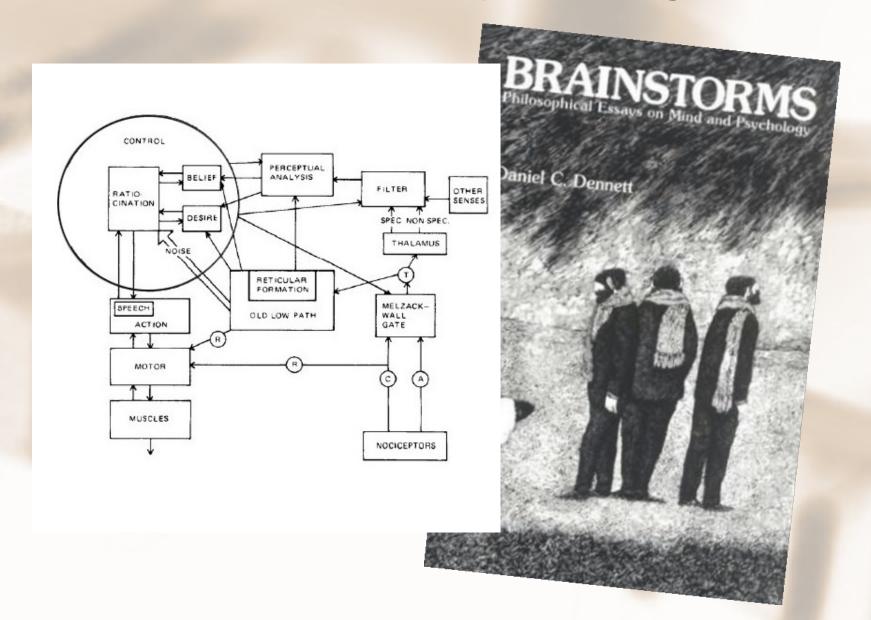
Yuppy – MIT 1996

#### 2. Epistemological Issues

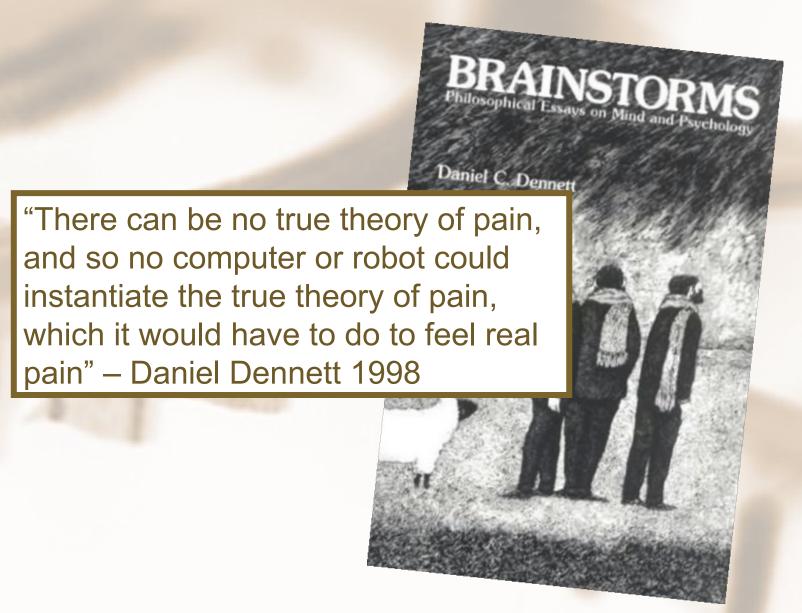


HARPER PERENNIAL MODERNICLASSICS

#### 2. Epistemological Issues



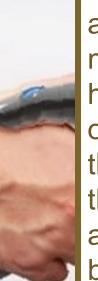
#### 2. Epistemological Issues



#### 3. Moral Problems

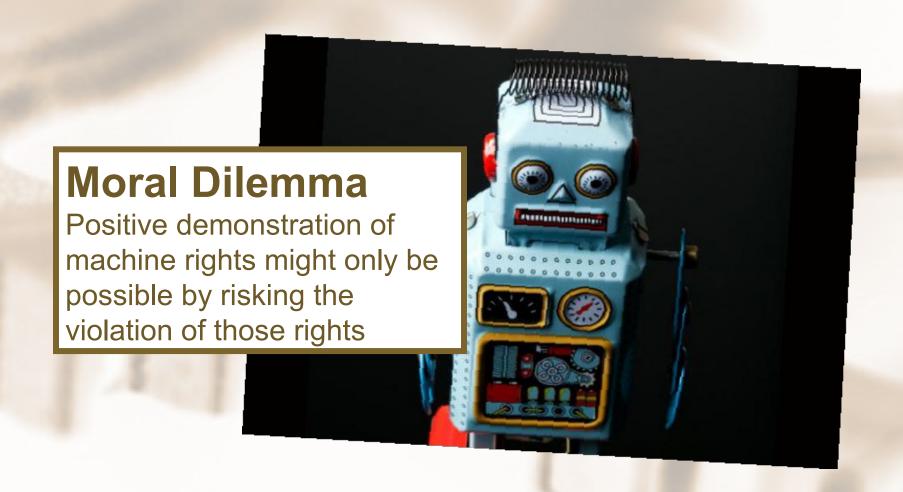
#### Moral Machines

Teaching Robots Right from Wrong



"If (ro)bots might one day be capable of experiencing pain and other affective states a question that arises is whether it will be moral to build such systems—not because of how they might harm humans, but because of the pain these artificial systems will themselves experience. In other words, can the building of a (ro)bot with a somatic architecture capable of feeling intense pain be morally justified?" – Wallach & Allen, 2009

#### 3. Moral Problems



## (3) Thinking Otherwise

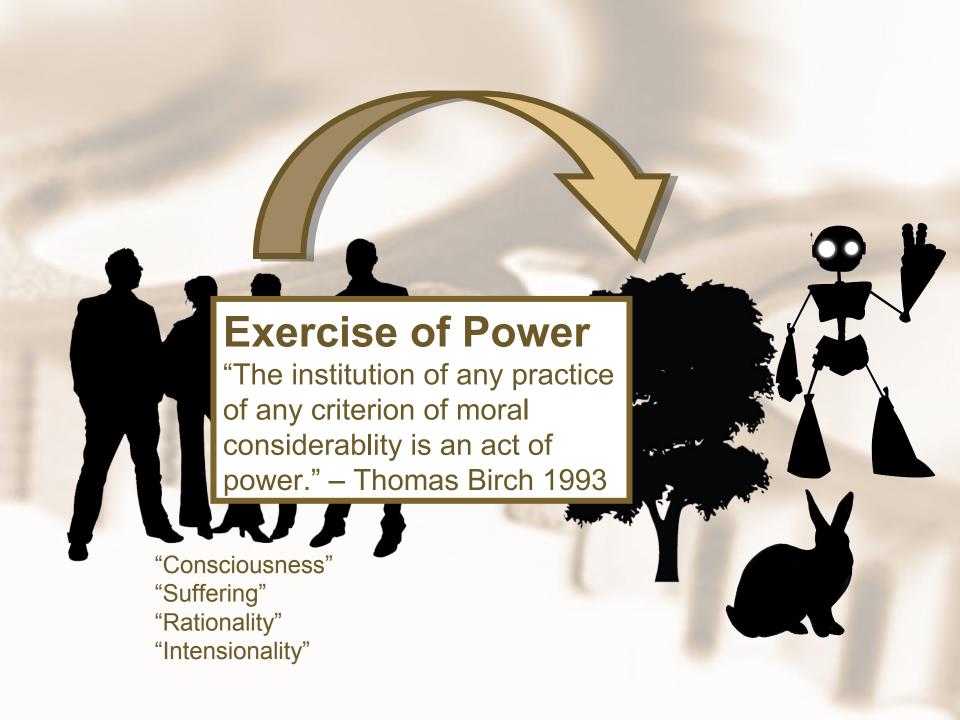


#### **Properties Approach**

- 1. Property *P* is sufficient for moral status *S*
- 2. Entity X exhibits property P
- 3. Entity X has moral status S









### Emmanuel Lévinas Totalité et infini Essai sur l'extériorité

#### **Social-Relational Ethics**

"Moral consideration is no longer seen as being 'intrinsic' to the entity: instead it is seen as something that is 'extrinsic': it is attributed to entities within social relations and within a social context" – Mark Coeckelbergh 2010 router open up to Re can snanger stangue it and what in the that necessarily must see property be called mained in festigates is country the process of a not removate the possiion of the process of the first befored. A maked

The Face of Things

A Different Side of Ethics

#### **Thinking Otherwise**

#### **Ontological Question**

## Can machines have rights?

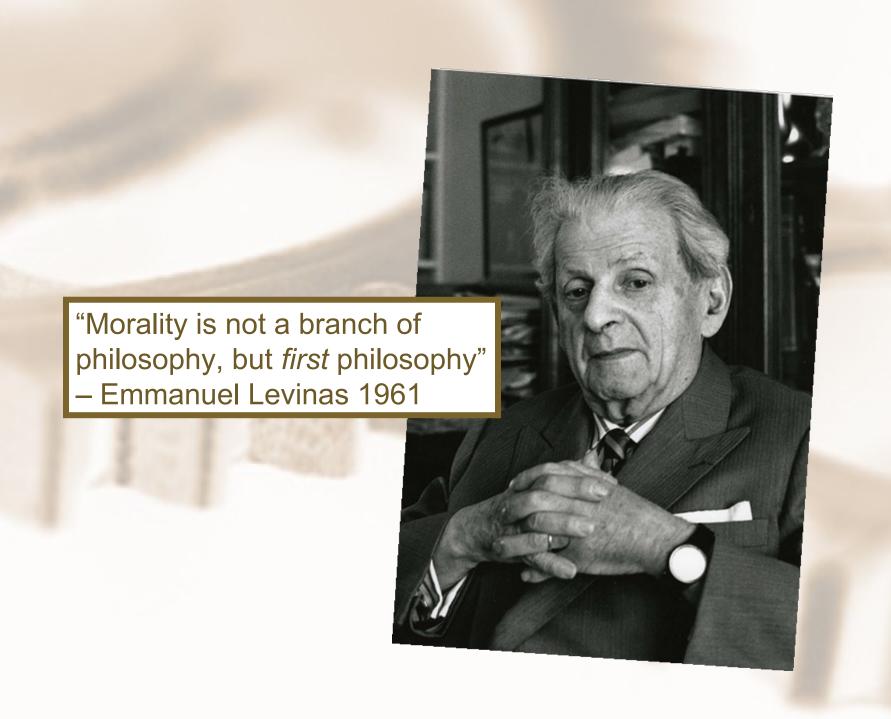
Moral status is decided on the basis of *what* something is or is not.



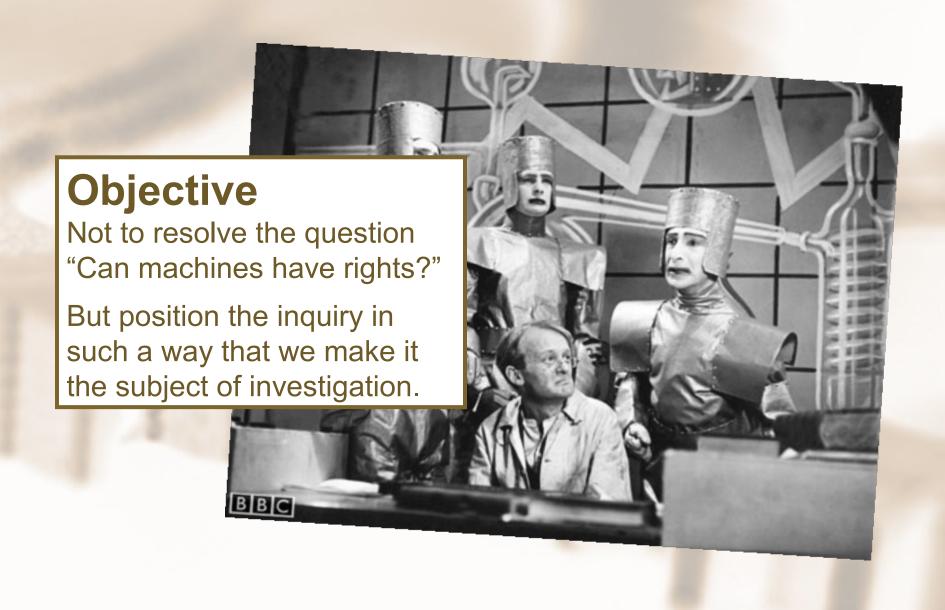
#### **Ethical Question**

## Should machines have rights?

Moral status is decided by *how* we relate and respond to others.







# Toward an Understanding of Cons

#### **Purpose of Philosophy**

"I am a philosopher not a scientist, and we philosophers are better at questions than answers. I haven't begun by insulting myself and my discipline, in spite of first appearances. Finding better questions to ask, and breaking old habits and traditions of asking, is a very difficult part of the grand human project of understanding ourselves and our world" – Daniel Dennett 1996

DANIEL & DENNETT

## THE MACHINE QUESTION CRITICAL PERSPECTIVES ON AI, ROBOTS, AND ETHICS DAVID J. GUNKEL

#### **More Information:**

http://machinequestion.org dgunkel@niu.edu