

Towards an ethical Understanding of Data Management and meaningful human control

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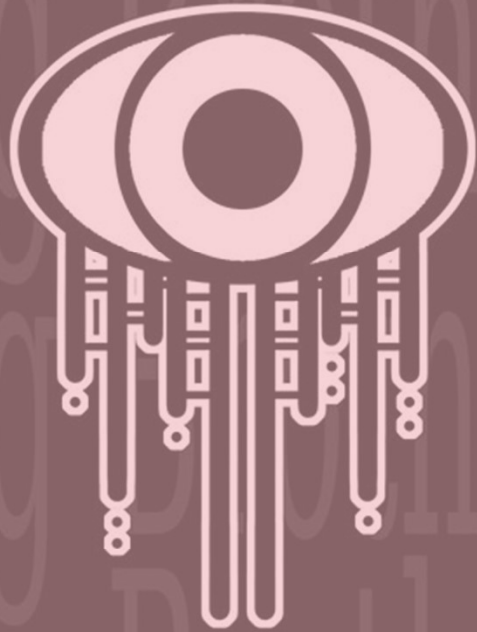
LeadingCities 

 **ICRAC**
International Committee for Robot Arms Control

Technology as a Promise

- **Nuclear (Manhattan)**
- **GMO (Terminator gen – substantial equivalent principle -labeling)**
- **AI (MAVEN -nudging)**

- **Double use technologies**



"For i am always watching you..."

"Happiness comes with a price..."



Data

1984

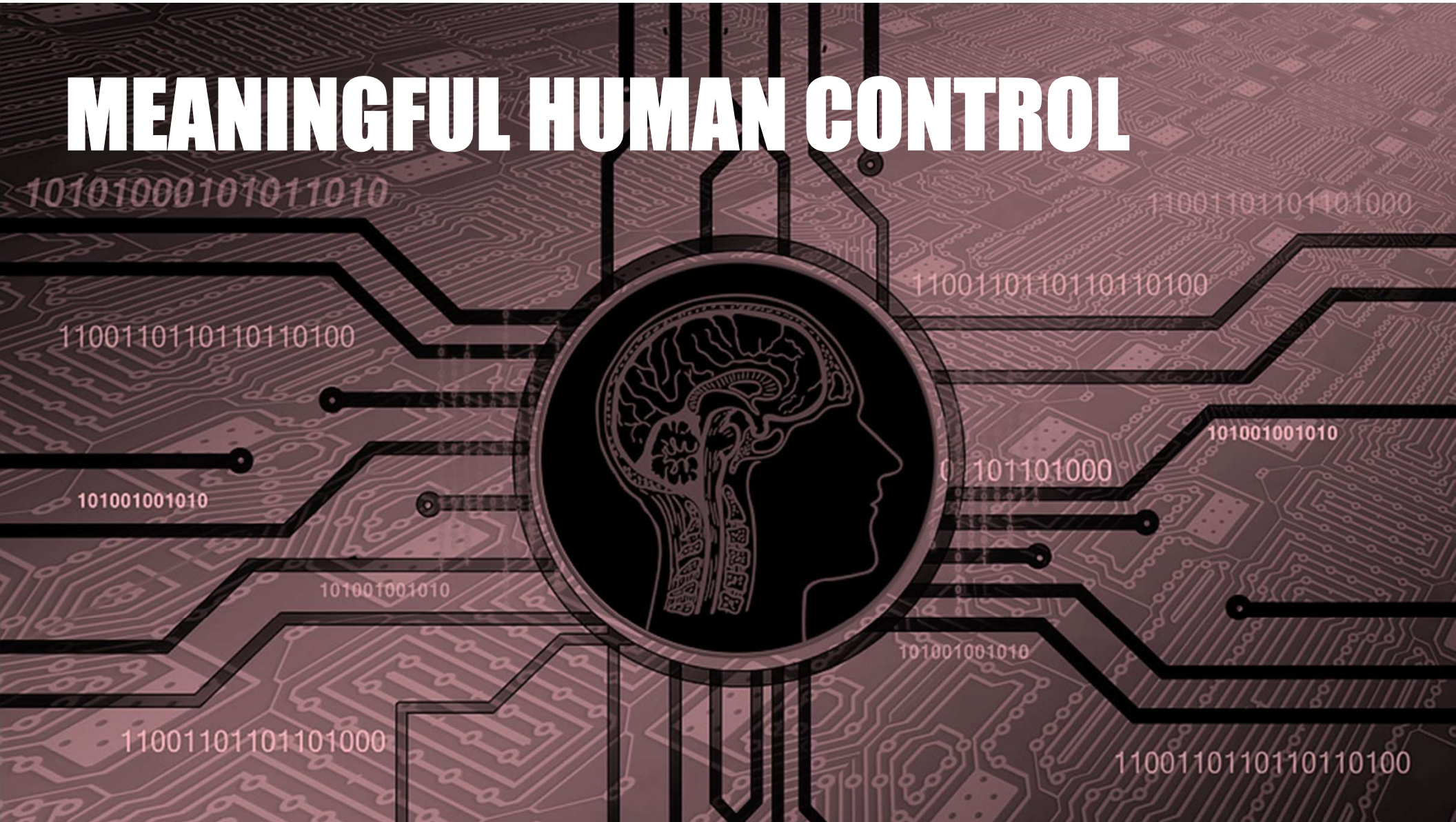
ORWELL'S TIMELESS WARNING



A hand holding a magnifying glass over a city at night, symbolizing breaking the filter bubble. The magnifying glass focuses on a specific area of the city, which is reflected in a body of water in the foreground. The background is dark, with the city lights providing the main illumination.

BREAKING THE FILTER BUBBLE: Empowering Communities

MEANINGFUL HUMAN CONTROL



The tyranny of algorithms is part of our lives: soon they could rate everything we do

John Harris

Facebook will add 'more human review' of ad-targeting options

After a manual review, Facebook has reinstated roughly 5,000 ad-targeting terms that were disabled last week.

Tim Bales on September 20, 2017 at 4:40 am

How Algorithms Can Bring Down Minorities' Credit Scores

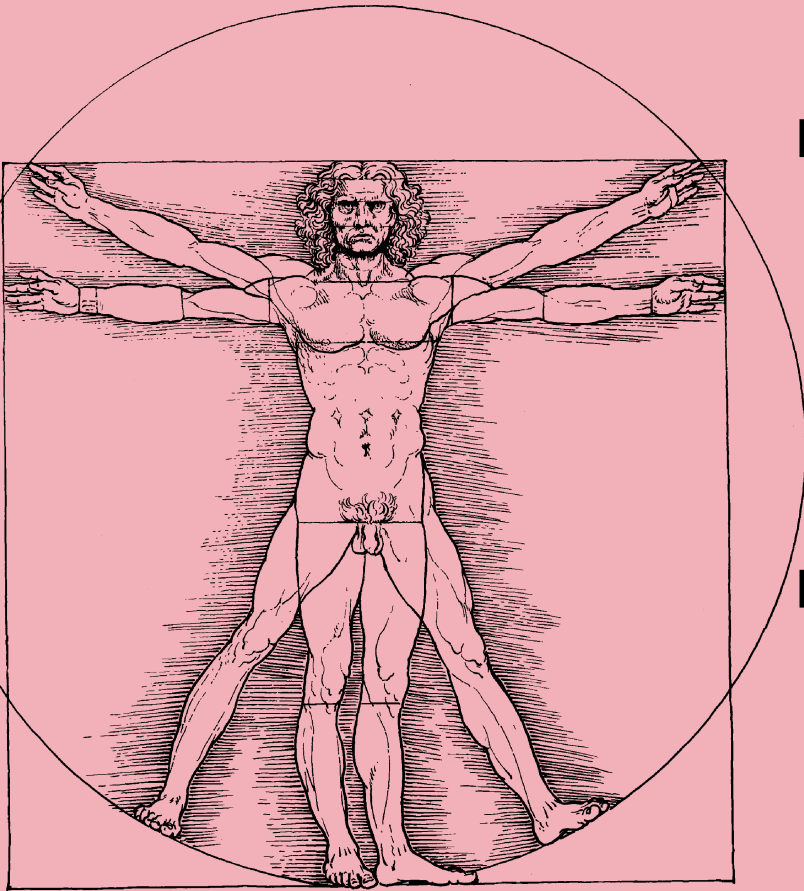
Analyzing people's social connections may lead to a new way of discriminating against them.

Modern scientists have not yet come up with something that was obvious to the ancients: that it is necessary to silence knowledge destined for the few, that formulas and dangerous abstract formulations, capable of fatal evolutions, harmful in their applications, must be valued in advance and in all its scope by who has discovered them, and consequently they must be jealously hidden, stolen from advertising. Greek science did not achieve a great technological development because it did not want to reach it. With silence, science scares the State, and is respected. The state can only live, fight and strengthen itself with the means offered by the culture: it is something that knows perfectly, the head of the tribe depends viscerally on the sorcerer

THANK YOU

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How algorithms can affect:

meritocracy?

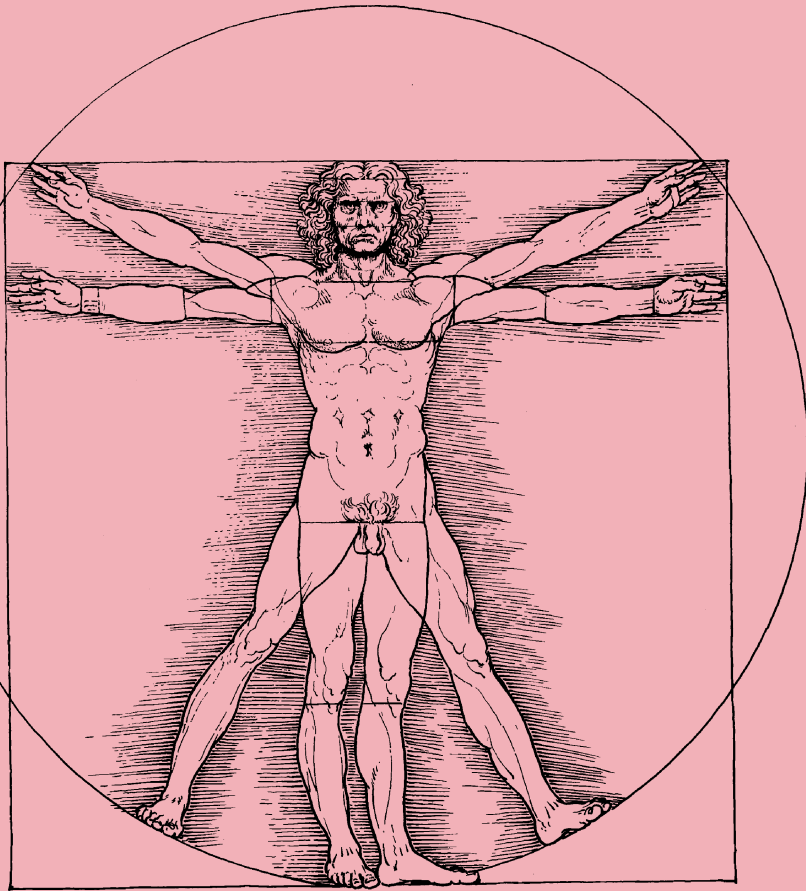
crystallization of poverty?

gender inequality

racial inequality? (Racial profiling...)

Relations among developed and non developed countries

How human dignity could be affected?



Definition meaningful human control

Definition of Ethical Guidelines for human control

Establish a set of criteria that identify process that requires human control