

# Technology for the People

Proposal for a Tech Working Group

# Tech in the Science for the People Archives

- Automation and workers struggles
- Structural critiques for lack of diversity in STEM
- Increase capacities of states and corporations to conduct surveillance
- Artificial Intelligence & the military



**IS TECHNOLOGY TAKING YOU FOR A RIDE?**

**They told us science would pave the way to a better future.**

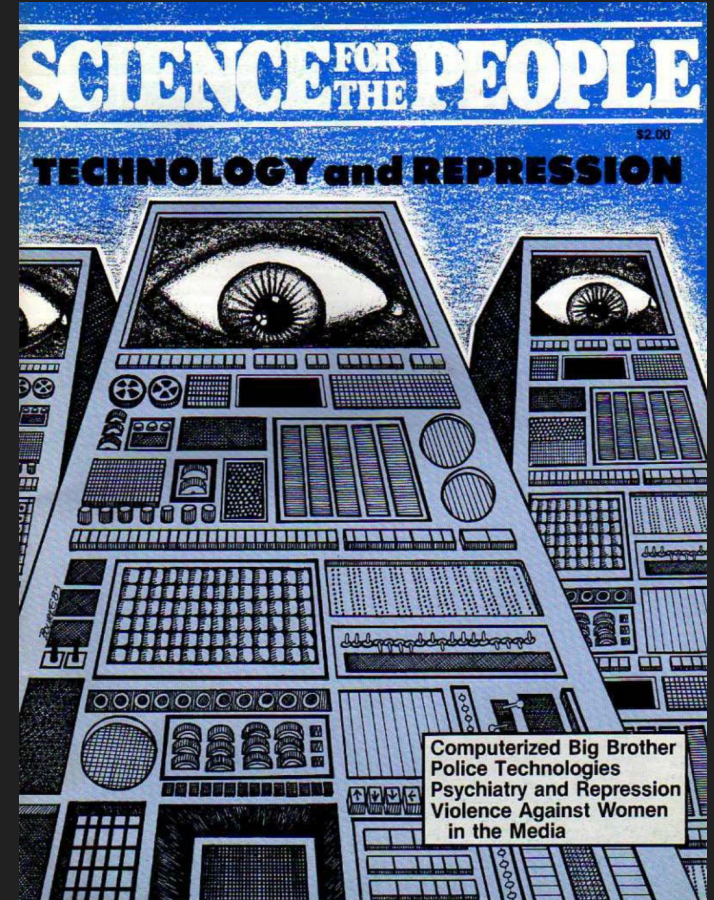
**B**ut they didn't tell us how much it would cost. People are only now realizing the human and economic costs of irrational technological development.

- Only **SCIENCE FOR THE PEOPLE** reveals the social and political impacts of technology issue after issue.
- **SCIENCE FOR THE PEOPLE** presents technical information in a way that's easy to read and understand.
- Unlike the "popular science" magazine fad of the last few years, **SCIENCE FOR THE PEOPLE** started 15 years ago providing a critical look at science and technology. We think you need us now more than ever...

**SUBSCRIBE NOW!!!**

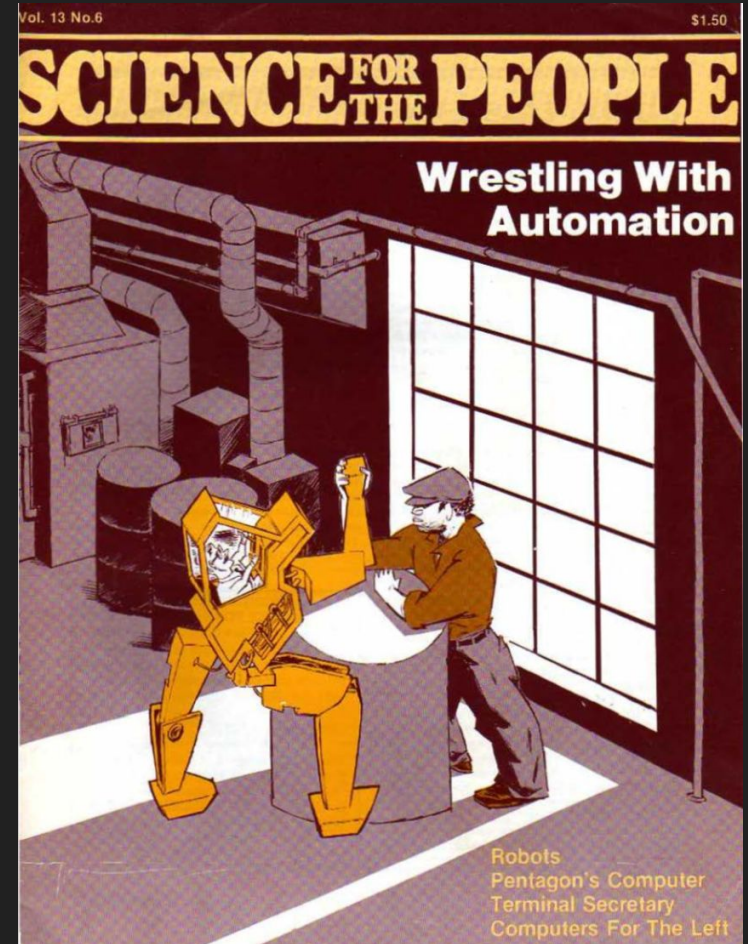
# Tech Today

- Tech companies rapidly growing in power and reach
- Edward Snowden revelations on state and corporate surveillance
- Big Data and algorithms increasingly unaccountable influence on society
- Dismantling of net neutrality
- Normalization of cyberwarfare
- Uber-ification of work
- Commodification and tracking of free time



# Politicization & Radicalization

- Reign in Google and Facebook's Power!
- End Mass Surveillance!
- Municipalize Internet Infrastructure!
- Transparency and Accountability for Algorithms!
- Down with Uber's Predatory Practices!
- Organize Tech Workers!



# 1. Critically Examining Science and Application of Technology

## Machine Bias

There's software used across the country to predict future criminals. And it's biased against blacks.

*by Julia Angwin, Jeff Larson, Surya Mattu and Lauren Kirchner, ProPublica*  
May 23, 2016

ProPublica 2016

### Inherent Trade-Offs in the Fair Determination of Risk Scores

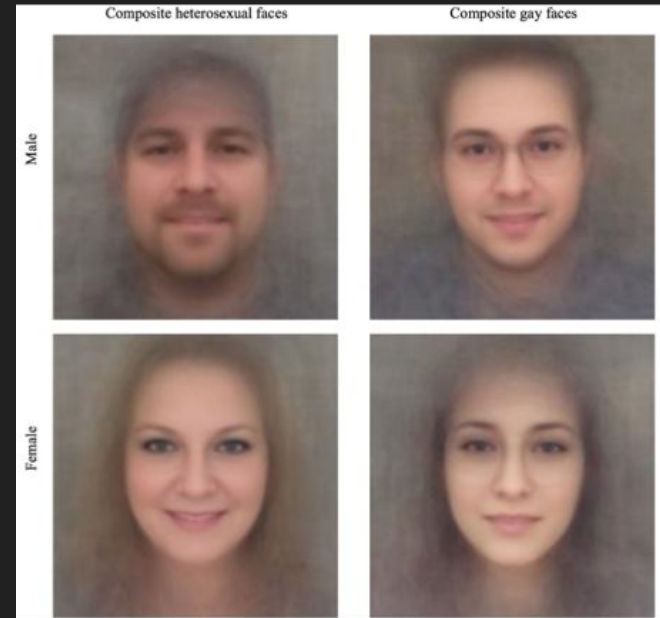
Jon Kleinberg \*    Sendhil Mullainathan †    Manish Raghavan ‡

**Abstract**

arXiv:1609:05807

# 1. Critically Examining Science and Application of Technology

Specifically with respect to new strains of biological determinist and eugenic-like research

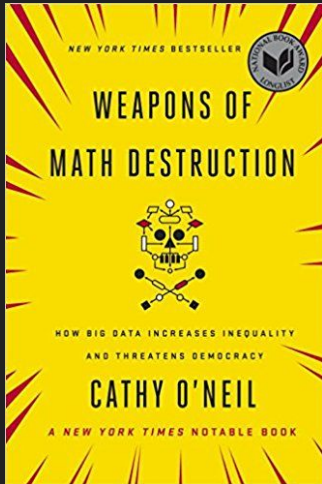


Deep neural networks can detect sexual orientation for faces

“Hetrosexual faces”

“Homosexual faces”

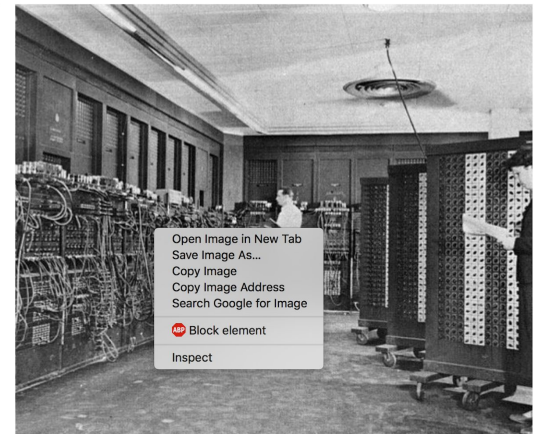
## 2. Expose the Ideological Dimensions of Technology



### Big Data's Radical Potential

BY  
PANKAJ MEHTA

Today, big data is used to boost profits and spy on civilians. But what if it was harnessed for the social good?



### 3. Machine Learning and Big Data for Radical Causes



John Leek, left, examining a motor with Nicaraguan machinists.

Tecnica

## Data for Black Lives

Data as protest. Data as accountability. Data as collective action. Join us for our inaugural conference at MIT November 17–19, 2017.



### 3. Machine Learning and Big Data for Radical Causes

An assortment of ideas to start the work:

- Beyond the duopoly: a radical perspective on Gerrymandering
- Interrogating the congress based on data: [what predicts congressman votes best?](#)
- Seconding the fight against the prison-industrial complex with data analysis
- Use case “[Aroma](#)”: text mining in service of activists
- Geographic information systems for anti-eviction and gentrification work
- Mapping DoD, Darpa, etc. funding statewide

# Technology for the People

Proposal for a Tech Working Group