

Content

The Democratization of Artificial Intelligence

Net Politics in the Era of Learning Algorithms

Andreas Sudmann.....9

Metaphors We Live By

Three Commentaries on Artificial Intelligence and the Human Condition

Anne Dippel..... 33

AI, Stereotyping on Steroids and Alan Turing’s Biological Turn

V. N. Alexander.....43

Productive Sounds

Touch-Tone Dialing, the Rise of the Call Center Industry
and the Politics of Virtual Voice Assistants

Axel Volmar.....55

Algorithmic Trading, Artificial Intelligence and the Politics of Cognition

Armin Beverungen77

The Quest for Workable Data

Building Machine Learning Algorithms from Public Sector Archives

Lisa Reutter/Hendrik Storstein Spilker.....95

Plural, Situated Subjects in the Critique of Artificial Intelligence

Tobias Matzner..... 109

Deep Learning's Governmentality	
The Other Black Box	
<i>Jonathan Roberge/Kevin Morin/Marius Senneville</i>	123
Reduction and Participation	
<i>Stefan Rieger</i>	143
The Political Affinities of AI	
<i>Dan McQuillan</i>	163
Artificial Intelligence	
Invisible Agencies in the Folds of Technological Cultures	
<i>Yvonne Färster</i>	175
Race and Computer Vision	
<i>Alexander Monea</i>	189
Mapping the Democratization of AI on GitHub	
A First Approach	
<i>Marcus Burkhardt</i>	209
On the Media-political Dimension of Artificial Intelligence	
Deep Learning as a Black Box and OpenAI	
<i>Andreas Sudmann</i>	223
How to Safeguard AI	
<i>Ina Schieferdecker/Jürgen Großmann/Martin A. Schneider</i>	245
AI, Democracy and the Law	
<i>Christian Djeffal</i>	255
Rethinking the Knowledge Problem in an Era of Corporate Gigantism	
<i>Frank Pasquale</i>	285
Artificial Intelligence and the Democratization of Art	
<i>Jens Schröter</i>	297

“That is a 1984 Orwellian future at our doorstep, right?”

Natural Language Processing, Artificial Neural Networks
and the Politics of (Democratizing) AI

Andreas Sudmann/Alexander Waibel 313

Biographies 325

Acknowledgments 333

