

ANDREAS SUDMANN (ED.)

The Democratization of Artificial Intelligence

Net Politics In the Era of Learning Algorithms

[transcript]

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 Beverungen 77

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

Jonathan Roberge/Kevin Morin/Marius Senneville..... 123

Reduction and Participation

Stefan Rieger..... 143

The Political Affinities of AI

Dan McQuillan 163

Artificial Intelligence

Invisible Agencies in the Folds of Technological Cultures

Yvonne Färster..... 175

Race and Computer Vision

Alexander Monea..... 189

Mapping the Democratization of AI on GitHub

A First Approach

Marcus Burkhart.....209

On the Media-political Dimension of Artificial Intelligence

Deep Learning as a Black Box and OpenAI

Andreas Sudmann.....223

How to Safeguard AI

Ina Schieferdecker/Jürgen Großmann/Martin A. Schneider.....245

AI, Democracy and the Law

Christian Djéffal.....255

Rethinking the Knowledge Problem in an Era of Corporate Gigantism

Frank Pasquale.....285

Artificial Intelligence and the Democratization of Art

Jens Schröter 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

Biographies325

Acknowledgments 333