

Content

Introduction

Rethinking AI. Neural Networks, Biometrics
and the New Artificial Intelligence

Mathias Fuchs & Ramón Reichert 5

I Methodological and Conceptual Reflections

Can We Think Without Categories?

Lev Manovich 17

Secret Agents

A Psychoanalytic Critique of Artificial Intelligence
and Machine Learning

Clemens Apprich 29

Voices from the Uncanny Valley

How Robots and Artificial Intelligences Talk Back to Us

Tiina Männistö-Funk & Tanja Sihvonen 45

II Epistemologies and Media Genealogy

Educational AI

A Critical Exploration of Layers of Production and Productivity

Franz Krämer 67

Competing Visions for AI

Turing, Licklider and Generative Literature

Oscar Schwartz 87

Pervasive Intelligence

The Tempo-Spatiality of Drone Swarms

Sebastian Vehlken 107

Where the Sun never Shines

Emerging Paradigms of Post-enlightened Cognition

Johannes Bruder 133

III Politics and Media Research

The Coming Political

Challenges of Artificial Intelligence

Benjamin Gregg 157

On the Media-political Dimension of Artificial Intelligence

Deep Learning as a Black Box and OpenAI

Andreas Sudmann 181

Automated State of Play

Rethinking Anthropocentric Rules of the Game

Sonia Fizek 201

IV Entering the Field

Visual Tactics Toward an Ethical Debugging

Catherine Griffiths 217

Unconventional Classifiers and Anti-social Machine Intelligences

Artists Creating Spaces of Contestation and Sensibilities
of Difference Across Human-Machine Networks

Monica Monin 227

Biographical Notes 239