1. Record Nr. UNISA996344226003316 Autore Sudmann Andreas **Titolo** The Democratization of Artificial Intelligence: Net Politics in the Era of Learning Algorithms / Andreas Sudmann Bielefeld, : transcript Verlag, 2019 Pubbl/distr/stampa **ISBN** 3-8394-4719-4 Edizione [1st ed.] 1 online resource (334 p.) Descrizione fisica KI-Kritik / AI Critique; 1 Collana Politics: Artificial Intelligence: Machine Learning: Digital Technologies: Soggetti Media Studies; Media Politics; Internet; Technology; Digital Media; Democracy; Sociology of Media; Media Philosophy Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Frontmatter 1 Content 5 The Democratization of Artificial Intelligence 9 Metaphors We Live By 33 AI, Stereotyping on Steroids and Alan Turing's Biological Turn 43 Productive Sounds Algorithmic Trading, Artificial Intelligence and the Politics of Cognition 77 The Quest for Workable Data 95 Plural. Situated Subjects in the Critique of Artificial Intelligence 109 Deep Learning's Governmentality 123 Reduction and Participation 143 The Political Affinities of Al 163 Artificial Intelligence 175 Race and Computer Vision 189 Mapping the Democratization of AI on GitHub 209 On the Media-political Dimension of Artificial Intelligence 223 How to Safeguard Al 245 Al, Democracy and the Law 255 Rethinking the Knowledge Problem in an Era of Corporate Gigantism 285 Artificial Intelligence and the Democratization of Art 297 "That is a 1984 Orwellian future at our doorstep, right?" 313 Biographies Acknowledgments 333 After a long time of neglect, Artificial Intelligence is once again at the Sommario/riassunto center of most of our political, economic, and socio-cultural debates. Recent advances in the field of Artificial Neural Networks have led to a renaissance of dystopian and utopian speculations on an Al-rendered future. Algorithmic technologies are deployed for identifying potential terrorists through vast surveillance networks, for producing sentencing

quidelines and recidivism risk profiles in criminal justice systems, for

demographic and psychographic targeting of bodies for advertising or propaganda, and more generally for automating the analysis of language, text, and images. Against this background, the aim of this book is to discuss the heterogenous conditions, implications, and effects of modern AI and Internet technologies in terms of their political dimension: What does it mean to critically investigate efforts of net politics in the age of machine learning algorithms?

»Eine ungewohnlich perspektivenreiche Publikation. Interessant [...] fur Lehrende und Forschende, die nach neuen Denkanstoßen suchen. « Alexander Godulla, Communicatio Socialis, 4 (2020)