Record Nr. UNINA9910473457403321 Autore Stahl Bernd Carsten Titolo Artificial Intelligence for a Better Future: An Ecosystem Perspective on the Ethics of AI and Emerging Digital Technologies / / by Bernd Carsten Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2021 3-030-69978-1 ISBN Edizione [1st ed. 2021.] Descrizione fisica 1 online resource (128 pages) Collana SpringerBriefs in Research and Innovation Governance, , 2452-0527 Disciplina 006.3 Soggetti Artificial intelligence **Ethics** Computers and civilization Technology - Philosophy **Business ethics** Artificial Intelligence Moral Philosophy and Applied Ethics Computers and Society Philosophy of Technology **Business Ethics** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Preface -- 1 Introduction -- 2 Artificial Intelligence and Other Emerging Technologies -- 3 The Ethics of AI -- 4 Mitigation Measures -- 5 An AI Ecosystem for Human Flourishing -- 6 Conclusion -- 7 Index. . Sommario/riassunto This open access book proposes a novel approach to Artificial Intelligence (AI) ethics. AI offers many advantages: better and faster medical diagnoses, improved business processes and efficiency, and the automation of boring work. But undesirable and ethically problematic consequences are possible too: biases and discrimination, breaches of privacy and security, and societal distortions such as

unemployment, economic exploitation and weakened democratic processes. There is even a prospect, ultimately, of super-intelligent

machines replacing humans. The key question, then, is: how can we benefit from AI while addressing its ethical problems? This book presents an innovative answer to the question by presenting a different perspective on AI and its ethical consequences. Instead of looking at individual AI techniques, applications or ethical issues, we can understand AI as a system of ecosystems, consisting of numerous interdependent technologies, applications and stakeholders. Developing this idea, the book explores how AI ecosystems can be shaped to foster human flourishing. Drawing on rich empirical insights and detailed conceptual analysis, it suggests practical measures to ensure that AI is used to make the world a better place.