

DE GRUYTER

Jerome Clayton Glenn

GLOBAL GOVERNANCE OF THE TRANSITION TO ARTIFICIAL GENERAL INTELLIGENCE

ISSUES AND REQUIREMENTS

Jerome Clayton Glenn

GLOBAL GOVERNANCE OF THE TRANSITION
TO ARTIFICIAL GENERAL INTELLIGENCE

While today's artificial narrow intelligence (ANI) and general-purpose AI (GPAI) have limited purposes like diagnosing illness or writing reports, artificial general intelligence (AGI), if managed well, could usher in great advances in the human condition encompassing the fields of medicine, education, economics, longevity, reversing global warming, undreamed of scientific advances, and creating a more peaceful world. However, if left unbridled, AGI also has the potential to end human civilization.

This book discusses the current status and provides recommendations for the future regarding regulations on the creation, licensing, use, implementation and governance of AGI. Based on an international assessment of the issues and potential governance approaches for the transition from ANI of today to future forms of AGI by The Millennium Project, a global participatory think tank, the book explores how to manage this global transition. Section 1 shares the views of 55 AGI experts and thought leaders from the US, China, the UK, Canada, the EU, and Russia, including Elon Musk, Sam Altman and Bill Gates, on 22 critical questions. In Section 2, The Millennium Project futurist team analyzes these views to create a list of potential regulations and global governance systems or models for the safe emergence of AGI, rated and commented on by an international panel of futurists, diplomats, international lawyers, philosophers, scientists and other experts from 47 countries.

This book broadens and deepens the current conversations about future AI, educating the public as well as those who make decisions and advise others about potential artificial intelligence regulations.

“Up till now, humans have not met intelligence superior to ours. By the end of this decade, we probably will. But is humanity prepared to govern our journey through unprecedented challenges and opportunities? This book is an eye-opening study of the transition to a completely new chapter of history.”

Csaba Kőrösi, 77th President of the UN General Assembly

“A comprehensive overview, drawing both on leading academic and industry thinkers worldwide, and valuable perspectives from within the OECD, United Nations ... brings home the immense importance of getting this right; the price of getting it wrong could be the extinction of humanity.”

Jaan Tallinn, founding engineer, Skype and Kazaa; co-founder, Cambridge Centre for the Study of Existential Risk and the Future of Life Institute

“Written in lucid and accessible language, this book is a must read for people who care about the governance and policy of AGI.”

Lan Xue, Chair of the Chinese National Expert Committee on AI Governance



9 783111 674711

www.degruyterbrill.com
ISBN 978-3-11-167471-1

DE
IG

DE
IG