Record Nr. UNINA9910763596103321

Autore Jiang Yuhao

Titolo Transformation of Platform Governance in China: The Politics of

**Technology Routes** 

Pubbl/distr/stampa Singapore:,: Palgrave Macmillan,, 2023

©2023

ISBN 981-9964-56-3

Edizione [1st ed.]

Descrizione fisica 1 online resource (273 pages)

Collana IPP Studies in the Frontiers of China's Public Policy Series

Altri autori (Persone) JiaKai

Disciplina 338.95106

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Nota di contenuto

Intro -- Acknowledgments -- Contents -- List of Figures -- List of Tables -- 1 Introduction: Technological Determinism, Insular Vanguardism and Possibility of Platform Transformation -- Technoliberalism and Techno-nationalism: Opposing Categories? -- Insular Vanguardism -- Different Routes of Technological Development: Antitechnological Determinism -- Institutional Innovation and Technical Conditions for Platform Change -- Part I Rise of Digital Platform and Its Transformative Possibilities -- 2 A Brief History of Evolution of Platform-Based Internet -- The Prologue to the Digital Platform Unfolds in the Decline of the IBM PC -- The Rise of the Mobile Internet and the Evolution of Digital Platforms -- 3 Analysis of Platform Economic Logic: Structure and Its Future -- The Difference Between Platform Economics and Traditional Economics -- The Key to the Platform Economy: The Price Structure -- The Future of the Platform Economy -- 4 Rethinking Platform-Based Internet: Possibilities of New Technology Routes -- From Blockchain to Web 3.0 -- The Never-Ending 'Fork' -- 5 Global Governance of Transnational Digital Platforms -- The Spread of Digital Platforms and the Global Rise of the Platform Economy -- The Transformative Significance of Digital Platforms as a Form of Organization -- Governance Risks and Challenges of Digital Platform Change -- Exploration and Future of Global Governance on Transnational Digital Platforms -- Part II Path to Reforming Platform Governance in Chinese Context -- 6 Technology. Governance and Politics the Ideological Foundation of Platform Governance in China -- Scientism Revisited -- The Rise of New Information Technology and the Transformation of Governance in China -- Command-and-Control Mechanisms and Platform Governance in China -- China's Technological Development: Where to Go?

7 Choice of Technology Routes as a National Responsibility: Change in the Chinese Context? -- Introduction: Digital Economy Development Under the Common Wealth Strategy -- Technology Route Optionality and the Responsibility of the State -- The 'Elitism' of the IT Revolution Technology Route -- The 'Popular Route' to Digital Technology Development -- Concluding Remarks -- 8 Change in Mechanism of Public Decision-Making Responsibility, Blockchain Technology and Break out of 'Command-and-Control' -- The Challenges of Public Policy-Making in the Era of Big Data -- Data Information Governance and Accountability Mechanisms: A Review of Existing Research --Blockchain Technology and Its Institutional Innovation Implications --Blockchain Technology-Driven 'Command-and-Control' Breakthrough -- 9 Construction of Responsible Government Through 'Collaborationand-Sharing' Mechanism -- Accountability, Public Decision-Making and the New Governance: An Analytical Framework -- Data Information Barriers and Demand Repression: An Analysis of Related Structural Barriers -- Promoting Democratic Accountability Under the 'Collaboration-and-Sharing' Mechanism -- Concluding Remarks --10 Innovation in Management Mechanism of Big Data for Government Affairs: From 'Command-and-Control' to 'Collaboration-and-Sharing' -- Concepts, Types and Management Structure Characteristics of Big Data in Government -- The Data Titling Process and Its Shortcomings -- Toward 'Collaboration-and-Sharing': Innovative Mechanisms for Managing Big Data in Government Affairs -- 11 Asset-Based Management of Government Data: Design in the Context of the 'Collaboration-and-Sharing' Mechanism -- Basic Concepts of Asset-Based Management of Government Data -- Analysis of the Asset Attributes of Government Data -- Designing Principles of Ownership of Government Data Resources. Pricing Methods for Government Data Resources -- Conclusion: Asset-Based Management of Government Data Under the 'Collaboration and Sharing' Mechanism -- 12 Public Choice in Artificial Intelligence Governance Policy: Toward 'Shared Freedom' -- The Concept of Artificial Intelligence and Technological Development: Algorithms and Data -- Governance Challenges on the Rise in the Age of Artificial Intelligence -- An Overview of National AI Governance Policies and Regulatory Paths -- Public Policy Options in the Age of Artificial Intelligence: Toward 'Shared Freedom' -- Concluding Remarks --References -- Index.