

1. Record Nr.	UNINA9910863114303321
Titolo	Artificial Intelligence : A National Strategic Initiative
Pubbl/distr/stampa	Springer Singapore, 2021 Singapore : , : Springer Nature Singapore : , : Imprint : Palgrave Macmillan, , 2021
ISBN	9789811565489 9811565481
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XXI, 322 p.)
Disciplina	340.028563
Soggetti	Asia - Politics and government Artificial intelligence Asia - Economic conditions Asian Politics Artificial Intelligence Asian Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Part I. Technology: The Reality of Disruptive Technology -- 1. Gaps in Understanding of AI -- 2. Artificial Intelligence's Past -- 3. Artificial Intelligence Today and in the Future -- Part II. Industry: The Complete Picture of the Development of AI -- 4. An Overview of the Artificial Intelligence Industry -- 5. Autonomous Driving -- 6. Intelligent Robots -- 7. Smart Healthcare -- 8. AI-Powered Investment Advice -- 9. Smart Homes -- 10. Unmanned Aerial Vehicles -- 11. Artificial Intelligence Enterprises -- Part III. Strategy: A Detailed Look at National Strategies -- 12. Top-Level Plans -- 13. The Power of Capital -- 14. Tangible Hands -- 15. Kind AI -- 16. The Fight for Talent -- Part IV. Law: Fairness and Justice in the Age of AI -- 17. How to Be Accountable for AI -- 18. Deep Privacy Concerns -- 19. Invisible Justice -- 20. Death of Authors -- 21. Who Am I? -- 22. Ten Trends in Artificial Intelligence Law -- Part V. Ethics: Human Values and Human-Machine Relations -- 23. Moral Machines -- 24. 23 "Strong Regulations" for AI -- 25. The Future of Human-Machine Relations -- Part VI. Governance: Balanced

Development and Regulation -- 26. From Internet Governance to AI Governance -- 27. Challenges of AI Governance -- 28. AI Governance -- Part VII. The Future: Imagining the Future of AI Society -- 29. Whose Rice Bowl Has Been Smashed? -- 30. War Robots -- 31. Soulmate -- 32. New Productive Force.

Sommario/riassunto

This book begins with the past and present of the subversive technology of artificial intelligence, clearly analyzes the overall picture, latest developments and development trends of the artificial intelligence industry, and conducts in-depth research on the competitive situation of various countries. The book also provides an in-depth analysis of the opportunities and challenges that artificial intelligence brings to individuals, businesses, and society. For readers who want to fully understand artificial intelligence, this book provides an important reference and is a must-read. Tencent Research Institute is a public strategy research unit of Tencent. Taking advantage of Tencent's diversified products, enriched practices and huge data asset, TRI focuses its effort on major issues of internet development. Through the open, collaborative research platform it has built, TRI aims to unite leading brains from walks of life in promoting healthy, orderly development of digital economy and society by providing cutting-edge thinking. Internet Law Research Center of China Academy of Information and Communications Technology(CAICT): Internet Law Research Center of CAICT is committed to research on legal and policy issues in the fields of information and communication, the Internet, big data, and related international rules, market opening and institutional reforms in the WTO, providing legislative and policy advice to relevant government departments, and building platforms for communication and collaboration between government and enterprises. Tencent AI Lab was established in April 2016, with more than 70 world-class AI PhDs and more than 300 experienced application engineers. The lab specializes in basic research in the fields of machine learning, computer vision, speech recognition and natural language understanding. It combines content, games, social and platform tools to explore the four AI applications. Tencent open platform is provided as a large stage for developers who can use the various product capabilities provided by Tencent's open platform to develop excellent applications and tools, and gain huge traffic and revenue. In the AI era, the platform brings together top AI technologies, professionals and industry resources to incubate and build high-quality AI entrepreneurial projects to help AI capabilities apply in the segmentation field.