

1. Record Nr.	UNINA9910373939603321
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Titolo	Artificial Intelligence as a Disruptive Technology : Economic Transformation and Government Regulation // by Rosario Girasa
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2020
ISBN	3-030-35975-1
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (339 pages)
Disciplina	343.0999
Soggetti	Technology—Sociological aspects Artificial intelligence Mass media Law Human geography Science and Technology Studies Artificial Intelligence IT Law, Media Law, Intellectual Property Human Geography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Part One: Artificial Intelligence: Disruption, Application, and U.S. Policies -- Chapter One: AI as a Disruptive Technology -- Chapter Two: Applications of AI and Projections of AI Impact -- Chapter Three: AI U. S. Policies and Regulations -- Part Two: Privacy and Ethical Concerns, Bias, Jobs, Intellectual Property Rights and International Initiatives -- Chapter Four: Ethics and Privacy I: Facial Recognition and Robotics -- Chapter Five: Ethics and Privacy II: The Internet of Things (IoT) -- Chapter Six: Bias, Jobs, and Fake News -- Chapter Seven: Intellectual Property Rights and AI -- Chapter Eight: International Initiatives in AI.
Sommario/riassunto	Artificial intelligence (AI) is the latest technological evolution which is transforming the global economy and is a major part of the “Fourth Industrial Revolution.” This book covers the meaning, types, subfields and applications of AI, including U.S. governmental policies and regulations, ethical and privacy issues, particularly as they pertain and

affect facial recognition programs and the Internet-of Things (IoT). There is a lengthy analysis of bias, AI's effect on the current and future job market, and how AI precipitated fake news. In addition, the text covers basics of intellectual property rights and how AI will transform their protection. The author then moves on to explore international initiatives from the European Union, China's New Generation Development Plan, other regional areas, and international conventions. The book concludes with a discussion of super intelligence and the question and applicability of consciousness in machines. The interdisciplinary scope of the text will appeal to any scholars, students and general readers interested in the effects of AI on our society, particularly in the fields of STS, economics, law and politics.
