

1. Record Nr.	UNINA9910357832703321
Titolo	Cyborg Futures : Cross-disciplinary Perspectives on Artificial Intelligence and Robotics / / edited by Teresa Heffernan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2019
ISBN	9783030218362 3030218368
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (199 pages)
Collana	Social and Cultural Studies of Robots and AI, , 2523-8531
Disciplina	006.3
Soggetti	Science - Social aspects Artificial intelligence Automatic control Robotics Automation Science and Technology Studies Artificial Intelligence Control, Robotics, Automation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: Introduction -- Chapter 2: Evolution Ain't Engineering: Animals, Robots, and the Messy Struggle for Existence -- Chapter 3: Demystifying the Intelligent Machine -- Chapter 4: Autonomy of Artificial Intelligence, Ecology and Existential Risk: A Critique -- Chapter 5: Visions of Swarming Robots: Artificial Intelligence and Stupidity in the Military-Industrial Projection of the Future of Warfare -- Chapter 6: The Business of Ethics, Robotics and Artificial Intelligence -- Chapter 7: Fiction Meets Science: Ex Machina, Artificial Intelligence and the Robotics Industry -- Chapter 8: Rossum's Mimesis -- Chapter 9: Race and Robotics.
Sommario/riassunto	This volume brings together academics from evolutionary biology, literary theory, robotics, digital culture, anthropology, sociology, and environmental studies to consider the impact of robotics and AI on society. By bringing these perspectives together in one book, readers

gain a sense of the complex scientific, social, and ideological contexts within which AI and robotics research is unfolding, as well as the illusory suppositions and distorted claims being mobilized by the industry in the name of bettering humanity's future. Discussions about AI and robotics have been shaped by computer science and engineering, steered by corporate and military interests, forged by transhumanist philosophy and libertarian politics, animated by fiction, and hyped by the media. From fiction passing as science to the illusion of AI autonomy to the business of ethics to the automation of war, this collection recognizes the inevitable entanglement of humanity and technology, while exposing the problematic assumptions and myths driving the field in order to better assess its risks and potential.
