Record Nr. UNINA9910557459803321

Autore Arista Noelani

Titolo Against reduction : designing a human future with machines / / Noelani

Arista, Sasha Costanza-Chock, Vafa Ghazavi, Suzanne Kite, Cathryn Klusmeier, Jason Edward Lewis, Archer Pechawis, Jaclyn Sawyer, Gary

Zhexi Zhang, and Snoweria Zhang; introduction by Kate Darling

Pubbl/distr/stampa Cambridge, Massachusetts:,: The MIT Press,, [2021]

ISBN 0-262-36732-7

9780262543125

Descrizione fisica 1 online resource

Disciplina 303.48/34

Soggetti Artificial intelligence - Moral and ethical aspects

Artificial intelligence - Social aspects

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Nota di bibliografia Includes bibliographical references and index.

Sommario/riassunto "How can we restore balance to a world now run by Al and algorithms?

Contributors explore the human relationship to technology from ethical, epistemological, economic, and ecological perspectives"--Provocative, hopeful essays imagine a future that is not reduced to algorithms. What is human flourishing in an age of machine intelligence, when many claim that the world's most complex problems can be reduced to narrow technical questions? Does more computing make us more intelligent, or simply more computationally powerful? We need not always resist reduction; our ability to simplify helps us interpret complicated situations. The trick is to know when and how to do so. Against Reduction offers a collection of provocative and illuminating essays that consider different ways of recognizing and addressing the reduction in our approach to artificial intelligence, and ultimately to ourselves. Inspired by a widely read manifesto by Joi Ito that called for embracing the diversity and irreducibility of the world, these essays offer persuasive and compelling variations on resisting reduction. Among other things, the writers draw on indigenous

epistemology to argue for an extended "circle of relationships" that

includes the nonhuman and robotic; cast "Snow White" as a tale of Al featuring a smart mirror; point out the cisnormativity of security protocol algorithms; map the interconnecting networks of so-called noncommunicable disease; and consider the limits of moral mathematics. Taken together, they show that we should push back against some of the reduction around us and do whatever is in our power to work toward broader solutions.