

1. Record Nr.	UNINA9910813588903321
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Titolo	Artificial Intelligence and the Environmental Crisis : Can Technology Really Save the World?
Pubbl/distr/stampa	Milton, : Routledge, 2019
ISBN	042961909X 0429621248 0429055676
Edizione	[1st ed.]
Descrizione fisica	1 online resource (277 pages)
Disciplina	363.70028563
Soggetti	Artificial intelligence - Environmental applications Artificial intelligence - Moral and ethical aspects Artificial intelligence - Social aspects Environmental sciences - Data processing Information storage and retrieval systems - Environmental protection Sustainability - Technological innovations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record. VIII.9. The central role of AI in feedback: Shaping our new world
Nota di bibliografia	Includes bibliographical references and index.
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Sommario/riassunto

A radical and challenging book which argues that artificial intelligence needs a completely different set of foundations, based on ecological intelligence rather than human intelligence, if it is to deliver on the promise of a better world. This can usher in the greatest transformation in human history, an age of re-integration. Our very existence is dependent upon our context within the Earth System, and so, surely, artificial intelligence must also be grounded within this context, embracing emergence, interconnectedness and real-time feedback. We discover many positive outcomes across the societal, economic and environmental arenas and discuss how this transformation can be delivered. Key Features: Identifies a key weakness in current AI thinking, that threatens any hope of a better world. Highlights the importance of realizing that systems theory is an essential foundation for any technology that hopes to positively transform our world. Emphasizes the need for a radical new approach to AI, based on ecological systems. Explains why ecosystem intelligence, not human intelligence, offers the best framework for AI. Examines how this new approach will impact on the three arenas of society, environment and economics, ushering in a new age of re-integration.
