

1. Record Nr.	UNINA9910734824903321
Titolo	The Fourth Industrial Revolution in Africa : Exploring the Development Implications of Smart Technologies in Africa // edited by David Mhlanga, Emmanuel Ndhlovu
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	9783031286865 3031286863
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (xvii, 389 pages) : illustrations (some color)
Collana	Advances in African Economic, Social and Political Development, , 2198-7270
Altri autori (Persone)	MhlangaDavid NdhlovuEmmanuel
Disciplina	338.96
Soggetti	Africa - Economic conditions Economic development Africa - Politics and government African Economics Development Studies African Politics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. The Fourth Industrial Revolution in Africa an Introduction -- PART ONE -- 2. Making Sense of the Fourth Industrial Revolution: An Overview of the Potential Impact on Africa -- 3. After Being Left Out of The First, Second, And Third Industrial Revolutions, Is Africa Finally Prepared For The Fourth Industrial Revolution?- 4. The Goals of Social Policy in the Fourth Industrial Revolution from a Development Context in Africa -- 5. The Potential of the Fourth Industrial Revolution to Promote Economic Growth and Development in Africa -- PART TWO -- 6. A Machine Learning Approach for Predicting Emissions Based on GDP: A Case of South Africa in Comparison with the United Kingdom -- 7. The Role of Machine Learning and Artificial Intelligence in Improving Health Outcomes in Africa During and After the Pandemic: What are we Learning on the attainment of Sustainable Development Goals?- 8. Mobile Money Services, and Sustainable Development Effect in Africa --

9. The Nexus between Blue Ocean Strategy and Organizational Performance of SMEs in the Fourth Industrial Revolution Era -- 10. Digital Entrepreneurship, Taxation of the Digital Economy, Digital Transformation, and Sustainable Development in Africa -- PART THREE -- 11. New Public Service Reform, Good Governance, And Governance of Digital Innovation in Africa -- 12. Harnessing State Capability In Embracing The Fourth Industrial Revolution: Is Zimbabwe Prepared?- 13. Digital Transformation and Social Change in Africa: Issues in Technology Governance and Social Participation -- 14. A Survey of Central Bank Digital Currency Adoption in African Countries -- PART FOUR -- 15. Smart Technologies, Climate Change, and Smallholder Farmer Production in Zimbabwe -- 16. Blockchain For Food Supply Chain: Trust, Traceability, And Transparency Enhancement, How Can Africa Benefit?- 17. Influence of Green Marketing Strategies on Consumer Purchase Decision: Evidence from Fast-Moving Consumer Goods Industry in Zimbabwe -- 18. The influence of the AfCFTA capital and industrial goods in South Africa: A simulation analysis -- PART FIVE -- 19. Towards an Inclusive Industry 4.0: Social Policy and Economic Growth and Development in Africa -- 20. The Fourth Industrial Revolution in Africa a Conclusion.

Sommario/riassunto

This edited volume, the third in a three-volume set, discusses implications of The Fourth Industrial Revolution (4IR) in Africa. By rebuilding natural ecosystems, linking billions to digital networks, and better managing assets, the world may be able to undo the damage done by the industrial revolutions. There are, however, significant concerns that institutions will not be able to adapt, that governments will not adopt and regulate new technologies to reap their benefits, that power shifts will result in serious new security threats, that inequality will increase, and that societies will break apart. Written by an international panel of experts, analyzes the potential of smart technology across sectors and industries in Africa to bring about long-term, sustainable growth. .
