1. Record Nr. UNINA9910734824903321 Autore Mhlanga David Titolo The Fourth Industrial Revolution in Africa: Exploring the Development Implications of Smart Technologies in Africa / / edited by David Mhlanga, Emmanuel Ndhlovu Cham:,: Springer Nature Switzerland:,: Imprint: Springer., 2023 Pubbl/distr/stampa **ISBN** 3-031-28686-3 Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (387 pages) Collana Advances in African Economic, Social and Political Development, 2198-7270 NdhlovuEmmanuel Altri autori (Persone) 338.96 Disciplina 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 1. The Fourth Industrial Revolution in Africa an Introduction -- PART Nota di contenuto 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

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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.