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Nota di contenuto	Front Cover ; Contents; Acknowledgments; About the Authors; Abbreviations; Executive Summary; A Report by the World Bank and Elsevier; Methodology; Key Findings and Policy Recommendations; Defining National Policies; Chapter 1 Methodology; Methodology; Notes; Chapter 2 Research Outputs and Citation Impact; Introduction; Key Findings; Research Output; Citation Impact; Research Per Capita; Novel Measures of Research Impact; Interpretation of Key Findings; Notes; Chapter 3 Research Collaboration; Introduction; Key Findings; International Collaboration; Citation Impact of Collaboration Cross-Sector Collaboration Top Collaborating Institutions; Interpretation of Key Findings on Research Collaboration; Notes; Chapter 4 Researcher Mobility; Introduction; Key Findings; Researcher Mobility Model; Indicators; International Mobility; Cross-Region Comparisons; Interpretation of Key Findings on Researcher Mobility; Note; Appendix A Glossary; Note; Appendix B Data Sources and Methodology; Data Sources; Methodology and Rationale; Measuring International Researcher Mobility; Measuring Article Downloads; Notes; Appendix C Africa Region Classification; Appendix D Subject

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Sommario/riassunto

This book analyzes Africa's current performance in Science, Technology, Engineering and Math (STEM) research, as well as future trends. It looks at Africa's research performance over a decade, what it means for the continent's development and how it can benefit the growing number of young people who leave university each year looking for jobs. The book focuses on research output and citation impact, important indicators of the strength of a region's research enterprise. These indicators are correlated with the region's long-term development and important drivers of economic success. Moreover, research is a key ingredient for quality higher education. The research performance of these regions is compared to that of South Africa, Malaysia, and Vietnam; the latter two countries had a comparable research base to the SSA regions at the beginning of the period of analysis.
