

1. Record Nr.	UNINA9910453982203321
Autore	Hanson Sandra L
Titolo	Swimming against the tide [[electronic resource]] : African American girls and science education / / Sandra L. Hanson
Pubbl/distr/stampa	Philadelphia, : Temple University Press, c2009
ISBN	9786611973193 1-281-97319-X 1-59213-623-0
Descrizione fisica	1 online resource (225 p.)
Disciplina	500.82
Soggetti	African American girls - Education Racism in education - United States Science - Study and teaching - United States Sexism in science - United States Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [189]-205) and index.
Nota di contenuto	Contents; Preface and Acknowledgments; 1 Introduction: Understanding Young African American Women's Experiences in Science; 2 The Conceptual Framework: A Critical-Feminist Approach; 3 Young African American Women's Experiences in Science: "Science Is Like Opening a Present from Your Favorite Aunt. You Just Can't Wait to Open It Because You Know There Is Something Wonderful and Unique Inside."; 4 Influences-Teachers and Schools: "They Looked at Us Like We Weren't Supposed to Be Scientists." 5 Influences-Family and Community: "My Mother Never Minded Me Using Her Kitchen Utensils to Dig Up Insects and Worms to Explore." 6 Influences-Peers: "I Know Plenty of Girls at My School [Who] Love Science."; 7 Conclusions: "Science Is Not About Which Race Likes It Better, It Is About Doing What You Like."; Appendix A: Tables; Appendix B: Detail on Knowledge Networks Sampling; Appendix C: Text for Vignettes; Appendix D: Selected Questions from Knowledge Networks Survey; Appendix E: Detail on NELS Sampling and Data; Notes; References; Index

Sommario/riassunto "They looked at us like we were not supposed to be scientists," says one young African American girl, describing one openly hostile reaction she encountered in the classroom. In this significant study, Sandra Hanson explains that although many young minority girls are interested in science, the racism and sexism in the field discourage them from pursuing it after high school. Those girls that remain highly motivated to continue studying science must "swim against the tide." Hanson examines the experiences of African American girls in science education using multiple methods of

2. **Record Nr.** UNINA9910580215003321
- Autore** Micu Dan Doru
- Titolo** Simulation and Analysis of High Voltage Engineering in Power Systems
- Pubbl/distr/stampa** Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
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- Descrizione fisica** 1 online resource (110 p.)
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- Soggetti** History of engineering & technology
Technology: general issues
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- Lingua di pubblicazione** Inglese
- Formato** Materiale a stampa
- Livello bibliografico** Monografia
-
- Sommario/riassunto** This book address important issues regarding the modelling and simulation tools and techniques that are applied in high-voltage engineering in modern power systems. The presented conceptual, constructive, empirical, experimental, and theoretical results are obtained in the area of high-voltage engineering. Special attention is given to protection methods against direct lightning strikes, partial discharge tests, discharges' influence on different structures, cable screening, and induced voltages, among others.
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