

1. Record Nr.	UNINA9910810466203321
Titolo	Ethnomathematics : challenging eurocentrism in mathematics education // edited by Arthur B. Powell and Marilyn Frankenstein
Pubbl/distr/stampa	Albany, : State University of New York Press, c1997
ISBN	1-4384-1641-5 0-585-07569-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xxi, 440 pages) : illustrations
Collana	SUNY series, reform in mathematics education
Altri autori (Persone)	PowellArthur B FrankensteinMarilyn
Disciplina	510/.7
Soggetti	Ethnomathematics Mathematics - Study and teaching Eurocentrism
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	CONTENTS; ACKNOWLEDGMENTS; FOREWORD by U. D'Ambrosio; INTRODUCTION by Arthur B. Powell and Marilyn Frankenstein; SECTION I: ETHNOMATHEMATICAL KNOWLEDGE by Arthur B. Powell and Marilyn Frankenstein; 1. Ethnomathematics and its Place in the History and Pedagogy of Mathematics by Ubiratan D'Ambrosio; 2. Ethnomathematics by Marcia Ascher and Robert Ascher; SECTION II: UNCOVERING DISTORTED AND HIDDEN HISTORY OF MATHEMATICAL KNOWLEDGE by Arthur B. Powell and Marilyn Frankenstein; 3. Foundations of Eurocentrism in Mathematics by George Gheverghese Joseph 4. Animadversions on the Origins of Western Science by Martin Bernal; 5. Africa in the Mainstream of Mathematics History by Beatrice Lumpkin; SECTION III: CONSIDERING INTERACTIONS BETWEEN CULTURE AND MATHEMATICAL KNOWLEDGE by Arthur B. Powell and Marilyn Frankenstein; 6. The Myth of the Deprived Child: New Thoughts on Poor Children by Herbert P. Ginsburg; 7. Mathematics and Social Interests by Brian Martin; 8. Marx and Mathematics by Dirk J. Struik; SECTION IV: RECONSIDERING WHAT COUNTS AS MATHEMATICAL KNOWLEDGE by Arthur B. Powell and Marilyn Frankenstein

9. Difference, Cognition, and Mathematics Education by Valerie Walkerdine; 10. An Example of Traditional Women's Work as a Mathematics Resource by Mary Harris; 11. On Culture, Geometrical Thinking and Mathematics Education by Paulus Gerdes; SECTION V: ETHNOMATHEMATICAL PRAXIS IN THE CURRICULUM by Arthur B. Powell and Marilyn Frankenstein; 12. Ethnomathematics and Education by Marcelo C. Borba; 13. Mathematics, Culture, and Authority by Munir Fasheh; 14. Worldmath Curriculum: Fighting Eurocentrism in Mathematics by S. E. Anderson; 15. World Cultures in the Mathematics Class by Claudia Zaslavsky
SECTION VI: ETHNOMATHEMATICAL RESEARCH by Arthur B. Powell and Marilyn Frankenstein; 16. Survey of Current Work on Ethnomathematics by Paulus Gerdes; 17. Applications in the Teaching of Mathematics and the Sciences by Rik Pinxten; 18. An Ethnomathematical Approach in Mathematical Education: A Matter of Political Power by Gelsa Knijnik; AFTERWORD by Gloria E Gilmer; CONTRIBUTORS; INDEX
