Multicultural Mathematics

By Nelson, David; Joseph, George Gheverghese; Williams, Julian

Oxford University Press, 1993. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: The history of mathematics is one of creation and discovery in many parts of the world, and yet few people realize that Pythagoras' Theorem was known to the Babylonians a thousand years before the Greeks. Similarly, Pascal's Triangle of 1645 was actually used in practical ways much earlier in China. Indeed, there is a rich field of African, Middle Eastern, and Asian mathematics that is often ignored in the teaching of the subject. Mathematics, then, is an international language and field of study that knows no barriers between race, culture, or creed. How can we exploit this rich heritage not only to improve the teaching of mathematics, but to prepare our children for life in a multicultural society? This pioneering book is the first to explore ways of helping schoolchildren understand the universality of mathematics, and at the same time making it a more enjoyable, relevant, and rewarding enterprise. Multicultural Mathematics brings together the experience of three well-known teachers and researchers who offer suggestions and guidance for an important new approach to education. Written for parents, teachers, and administrators, and with technical...

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