Record Nr. UNINA9910164342003321 Autore Rosa Milton Titolo Current and Future Perspectives of Ethnomathematics as a Program // by Milton Rosa, Ubiratan D'Ambrosio, Daniel Clark Orey, Lawrence Shirley, Wilfredo V. Alangui, Pedro Palhares, Maria Elena Gavarrete Pubbl/distr/stampa 2016 Cham:,: Springer International Publishing:,: Imprint: Springer,, 2016 **ISBN** 9783319301204 3319301209 Edizione [1st ed. 2016.] Descrizione fisica 1 online resource (VI, 45 p. 4 illus. in color.) Collana ICME-13 Topical Surveys, , 2366-5955 EDU009000EDU029010EDU046000 Classificazione 370 Disciplina Soggetti Mathematics - Study and teaching Learning, Psychology of Teachers - Training of **Mathematics Education** Instructional Psychology Teaching and Teacher Education Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia 1. Introduction -- 2. An overview of the history of ethnomathematics Nota di contenuto -- 3. State of the art in ethnomathematics -- 4.In guise of conclusion. -5. References. This survey on the modernity of ethnomathematics addresses Sommario/riassunto numerous themes related to both ethnomathematics and mathematics education. It offers a broader view of mathematics, including ideas, procedures, concepts, processes, methods, and practices rooted in distinct cultural environments. In addition, by reflecting on the social and political dimensions of ethnomathematics, another important aspect of this research program is the development of innovative approaches for a dynamic and glocalized society. Ethnomathematics recognizes that members of different cultures develop unique mathematical techniques, methods, and explanations that allow for an

alternative understanding and transformation of societal norms. The

theoretical basis of ethnomathematics offers a valid alternative to traditional studies of history, philosophy, cognition, and pedagogical aspects of mathematics. The current agenda for ethnomathematics is to continue an ongoing, progressive trajectory that contributes to the achievement of social justice, peace, and dignity for all. The debates outlined in this book share a few of the key ideas that provide for a clearer understanding of the field of ethnomathematics and its current state of the art by discussing its pedagogical actions, its contributions for teacher education, and its role in mathematics education.