Record Nr. UNINA9910512164603321 Mathematics teaching and professional learning in sub-Sahara Africa / **Titolo** / edited by Kakoma Luneta Pubbl/distr/stampa Cham, Switzerland: ,: Springer, , [2022] ©2022 **ISBN** 9783030827236 9783030827229 Descrizione fisica 1 online resource (311 pages) Collana Research in Mathematics Education Disciplina 510.71067 Mathematics - Study and teaching - Africa, Sub-Saharan Soggetti Teachers - Training of Mathematics - Study and teaching Ensenyament de la matemàtica Professors de matemàtica Formació del professorat Educació secundària Llibres electrònics Africa subsahariana Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Includes bibliographical references and index. Nota di bibliografia Intro -- Foreword -- Contents -- About the Editor -- About the Nota di contenuto Authors -- Part I: Commentary -- Chapter 1: Manipulatives as Mediums for Visualisation Processes in the Teaching of Mathematics --Introduction -- Backdrop -- Visualisation Processes in the Teaching of Mathematics -- Manipulatives -- The Interplay between Manipulatives and Visualisation -- Physical Manipulatives -- Virtual Manipulatives -- Case Study: The Geoboard -- Introduction -- The Geoboard -- The Intervention Programme -- Analysis of the Lessons --Findings and Discussion -- Mr. Jones' Lessons -- Ms. Ruth's Lessons --Ms. Smith's Lessons -- Interviews -- Conclusion -- References --Chapter 2: The Role of Number Sense on the Performance of Grade

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