Record Nr. UNINA9910828634903321 Assessment in the mathematics classroom: yearbook 2011 Association **Titolo** of Mathematics Educators / / editors, Berinderjeet Kaur, Wong Khoon Yoong Singapore, : World Scientific, 2011 Pubbl/distr/stampa **ISBN** 1-283-43400-8 9786613434005 981-4360-99-6 Edizione [1st ed.] Descrizione fisica 1 online resource (304 p.) Collana Yearbook;;2011 Altri autori (Persone) KaurBerinderjeet <1955-> WongKhoon Yoong Disciplina 510.71 Soggetti Mathematics - Study and teaching - Singapore Mathematical ability - Testing Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references. Nota di contenuto Contents; Chapter 1 Introduction: Assessment Matters WONG Khoon Yoong Berinderjeet KAUR: 1 Why a Yearbook on Assessment?: 2 Assessment of Mathematics Cognitive Domain; 3 Assessment of Mathematics Affective Domain; 4 No "Final" Words: A list of Questions; References; Chapter 2 Using a Multi-Dimensional Approach to Understanding to Assess Students' Mathematical Knowledge Denisse R. THOMPSON Berinderjeet KAUR; 1 Introduction; 2 Why Consider a Multi-Dimensional Approach to Understanding?; 3 What is the SPUR Approach?; 3.1 Examples of SPUR at the primary level 3.2 Examples of SPUR at the secondary level4 A Look at Achievement in Terms of SPUR; 5 Discussion and Conclusion; References; Chapter 3 Assessing Problem Solving in the Mathematics Curriculum: A New Approach TOH Tin Lam QUEK Khiok Seng LEONG Yew Hoong Jaguthsing DINDYAL TAY Eng Guan; 1 Introduction; 2 Mathematical Problem-Solving Model: 3 Mathematics Practical - A New Paradigm: 4 Mathematics Practical Worksheet; 5 Mathematics Practical Lessons; 6

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Sommario/riassunto

The third in the series of yearbooks by the Association of Mathematics Educators in Singapore, Assessment in the Mathematics Classroom is unique as it addresses a focused theme on mathematics education. The objective is to encourage teachers and researchers to include assessment of non-cognitive attributes and to use techniques in addition to paper-and-pencil tests that focus on typical problems. Several renowned international researchers in the field have published their work in the book. The thirteen chapters of the book illustrate evidence-based practices that school teachers and researcher