

ZMATH 2013b.00300

Godino, Juan D.; Carrillo, José; Castro, Walter F.; Lacasta, Eduardo; Muñoz-Catalán, M. Cinta, Wilhelmi, Miguel R.

Research methods in the plenary presentations and research reports at the SEIEM symposia. (Métodos de investigación en las ponencias y comunicaciones presentadas en los simposios de la SEIEM.)

Av. Investig. Educ. Mat., No. 2, 29-52 (2012).

Summary: In this paper we analyze the research methods found in the plenary presentations and research reports at the SEIEM symposia, since its constitution in 1997 until 2010. We study the time distribution, preferred research method, problematic area, educational level and main methodological features. We also compared with other reports that analyze the research methods used in mathematics education. In addition, we describe the features of works that apply quantitative, qualitative and mixed methods and provide a guide for methodological reflection, together with some recommendations to increase the methodological rigor in mathematics education research.

Classification: D10 C10

Keywords: research methods; quantitative analysis; qualitative analysis; SEIEM proceedings; methodological reflection

<http://aiem.es/index.php/aiem/article/view/19/7>