

ZMATH 2014a.00296

Kilhamn, Cecilia; Røj-Lindberg, Ann-Sofi

Seeking hidden dimensions of algebra teaching through video analysis.

Grevholm, Barbro (ed.) et al., Nordic research in didactics of mathematics: past, present and future. Oslo: Cappelen Damm Akademisk (ISBN 978-82-02-39348-9/pbk). 299-328 (2013).

Summary: The purpose of this chapter is to describe the rationale behind an international comparative video study and to discuss its design and some methodological issues that emerge and need to be negotiated in such a study. It is argued that the sharing and collaborative analyses of video recorded classroom episodes affords the participating researchers' and teachers' possibilities to uncover dimensions of algebra teaching not seen in country specific studies.

Classification: C70 H20 H30

Keywords: algebra; comparative research; classroom research; video study; coverage code; lesson graph; teacher professional development