

ZMATH 2014f.00471

Weber, Keith

Reflections on justification and proof.

Fried, Michael N. (ed.) et al., Mathematics and mathematics education. Searching for common ground. Dordrecht: Springer (ISBN 978-94-007-7472-8/hbk; 978-94-007-7473-5/ebook). Advances in Mathematics Education, 237-257 (2014).

Summary: In this chapter, we explore how investigations into mathematicians' practice can inform instruction on justification and proof. Each co-author of this practice presents an investigation of how mathematicians use justification and proof in their professional practice and suggests pedagogical implications based upon insights from their investigations.

Classification: E50 D30

Keywords: justification; mathematicians' practice; proof

doi:10.1007/978-94-007-7473-5_14