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The impact of the involvement of teachers in a research on resource quality on their practices.

Ubuz, Behiye (ed.) et al., CERME 8. Proceedings of the eighth congress of the European Society of Research in Mathematics Education, Antalya, Turkey, February 6–10, 2013. Ankara: Middle East Technical University (ISBN 978-975-429-315-9). 2754-2763 (2013).

Summary: Since four years, a group of seven secondary school mathematics teachers and teacher educators has been involved in a research project dealing with the issue of dynamic geometry resource quality. The aim of this paper is to examine the impact of this involvement on their practices both as teachers and teacher educators. Based on the analysis of various resources produced by the group members before their participation in the research and nowadays, as well as on the group's auto-analysis of the evolution of their own practices, we could highlight a significant evolution in their way of using dynamic geometry in a classroom, as well as in their teacher training offer and content.

Classification: D39 U70 D49

Keywords: research project; dynamic geometry resource quality; dynamic geometry; teachers; teacher educators