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Evaluational research on a video-based in-service mathematics teacher training project – Reported instructional practice and judgements on instructional quality.

Novotná, Jarmila (ed.) et al., Mathematics in the centre. Proceedings of the 30th annual conference of the International Group for the Psychology of Mathematics Education, PME, Prague, Czech Republic, July 16–21, 2006. Vol. 1-5. Prague: Charles University, Faculty of Education. Part 4, 1-8 (2006).

Summary: In this study, we concentrated on aspects of evaluational research on a video-based in-service teacher training program with more than 30 participating upper secondary mathematics teachers. As the program aimed at encouraging the teachers in improving cognitive activation in their classrooms, the evaluation focused both on components of the teachers' professional knowledge and on indicators for implementation in instructional practice. The results indicate that teachers modified their perception of instructional situations and reported to have introduced more student-centered work on activating tasks in their classrooms.

Classification: B50 C70 C39

Keywords: in-service teacher education; educational research; professional development; instructional practice