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**The COACTIV research program on teachers' professional competence: summary and discussion.**

Kunter, Mareike (ed.) et al., Cognitive activation in the mathematics classroom and professional competence of teachers. Results from the COACTIV Project. New York, NY: Springer (ISBN 978-1-4614-5148-8/hbk; 978-1-4614-5149-5/ebook). Mathematics Teacher Education 8, 345-368 (2013).

Summary: This chapter summarizes the main findings of the COACTIV research program to date, discusses the implications of these findings, and – in the Discussion section – considers the generalizability and practical relevance of the results emerging from the COACTIV research program. In terms of practical relevance, the chapter includes a section drawing direct practical implications for teachers, a section on implications for teacher education, and a section discussing the applicability of the COACTIV measures in other contexts.

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