

The role of CAS when learning algebra and developing functional thinking

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ABSTRACT

What are the specific benefits of integrating computer algebra into mathematics teaching and what are problems which arise when computer algebra is always available. These questions are discussed along certain teaching examples. Results of research projects and case studies are included when trying to give an answer to these questions. It is the style of teaching and the type of questions in the classroom situation which have to change, so that CAS can really lead to an improvement of learning mathematics.