

# **Current Perspectives on the Use of CAS in Senior School Maths: Some Australian Research and International Experience**

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## **Abstract**

The growing availability of Computer Algebra Systems (CAS) poses a range of important questions for the teaching and assessment of algebra that have not been encountered previously. High stakes assessments in mathematics at the end of secondary school in several countries in Europe, USA and Australia have begun to take account of the challenges and opportunities posed by CAS. These steps have direct implications for the teaching of algebra in secondary school. The presentation will report on curriculum and assessment changes under way in several countries, and will examine current research under way in Victoria on the use of CAS in mathematics teaching and assessment in Years 11 and 12.