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**A toolkit for analysing approaches to algebra.**

Kaye, Stacey et al., The future of the teaching and learning of algebra. Kluwer Academic Publishers, Dordrecht (ISBN 1-4020-8130-8). 73-96 (2004).

This chapter presents a toolkit for analysing approaches to algebra which was developed as a response to the diverse views of members of the Working Group on Approaches to Algebra (APPA) with respect to both what school algebra is and theories about teaching and learning. The interrelated dimensions of the toolkit incorporate a focus on the problem domain, the teaching approach, the theoretical perspective and the community of students. Within this context three approaches to algebra are analysed using the toolkit to illuminate differences which are grounded in classroom practice. The Working Group maintains that such differences often remain implicit within meta-level discussions of the mathematics education community.

*Classification:* H13 H23