

for the learning of mathematics

monograph 2

PROCEEDINGS OF A SYMPOSIUM ON SPEAKING MATHEMATICALLY
IN HONOUR OF DAVID PIMM



2023

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*This monograph shares the aims of the journal,
For the Learning of Mathematics:*

FLM aims to stimulate reflection on mathematics education at all levels, and promote study of its practices and its theories: to generate productive discussion; to encourage enquiry and research; to promote criticism and evaluation of ideas and procedures current in the field. It is intended for the mathematics educator who is aware that the learning and teaching of mathematics are complex enterprises about which much remains to be revealed and understood.

Cette monographie partage les objectifs du journal For the Learning of Mathematics:

FLM s'adresse aux chercheurs, formateurs et enseignants de mathématiques à tous les niveaux. La revue souhaite stimuler la réflexion et encourager l'enquête et la recherche dans ce domaine en engendrant des discussions productives autour des entreprises complexes que sont l'enseignement et l'apprentissage des mathématiques. Nous cherchons ainsi à promouvoir l'examen critique des idées et des approches dans le domaine, à propos desquels beaucoup reste à découvrir, à comprendre.

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A NOTE FROM THE EDITOR

This is the second monograph published under the auspices of *For the Learning of Mathematics*. Like the first, it shares *FLM*'s goals of stimulating reflection and generating productive discussion in mathematics education.

The theme of the first monograph is *learning*, and the writings within it come primarily from participants of a symposium in honour of Laurinda Brown, *FLM*'s third editor, on the occasion of her retirement. Similarly, this monograph arose out of a *Festschrift* event in honour of the many contributions of David Pimm, *FLM*'s second editor. Its theme, *speaking mathematically*, is also a central concern of the journal, whether it is interpreted as referring to language in mathematics, or mathematising, of one of the many other senses in which one can speak mathematically.

Future monographs will explore other ideas and activities that affect the learning of mathematics. Like the first two monographs, they are expected to emerge from discussions among colleagues, so that they have the unity suggested by the label 'monograph' while preserving the diversity of voices that distinguishes *FLM*.

Suggestions for, and enquiries about, future monographs should be directed to the editor.