

PAPER:

***RECRUITING FOR RENEWAL?
SOCIAL CONTROLS AND SPACES IN THE APPRENTICESHIP TO
MATHEMATICS***

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Abstract:

This study of apprenticeship in mathematics is concerned with the participation of a wider section of the community in higher mathematics, at a time when mathematics departments are undergoing funding cuts. What are tertiary mathematics students' justifications for their continuing engagement with mathematics, and what are their concerns? What do these reflect about the apprenticeship? This paper explains how this information was sought, and organised to report to the community most interested in the renewal of the institutions of mathematics, mathematics educators and mathematicians. This has involved the development of a typology, taken from socio-economics, which demonstrates the need to extend methodologies used in school education to incorporate those more appropriate for this apprenticeship.