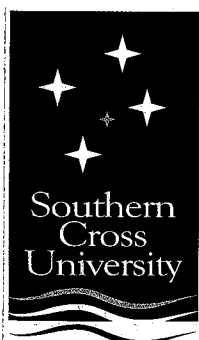


# MERGA 17

Vol. 1

**Book of Proceedings  
of the  
17th annual conference of the  
Mathematics Education  
Research Group of Australasia:  
Challenges in Mathematics Education:  
Constraints on Construction**



July 5-8, 1994

# **Challenges in Mathematics Education: Constraints on Construction**

**Proceedings  
of the Seventeenth Annual Conference  
of The Mathematics Education Research Group of Australasia  
held at Southern Cross University  
Lismore, Australia  
5-8 July 1994**

# **Challenges in Mathematics Education: Constraints on Construction**

**Volume 1**

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## Editors' Note

The Seventeenth Annual Conference of The Mathematics Education Research Group of Australasia was held in Lismore July 5-8, 1994. The conference was organised by a group of mathematics education staff of the Faculty of Education, Work and Training, who took the decision that, in the present time of rapid adjustment and change in mathematics education, an appropriate theme would be "Challenges in Mathematics Education: Constraints on Construction".

Keynote speakers came from The University of California at Los Angeles, The University of Melbourne, Seoul National University, and La Trobe University, which when combined with the increased number of presenters from Hong Kong, Singapore, Brunei, Korea, and New Zealand, gives further evidence of MERGA's standing and involvement with the Asia Pacific region.

Guidelines for selecting papers adopted at the Hobart conference were again used for MERGA 17. Two independent reviewers were asked to comment on each paper submitted. Where there was disagreement between the recommendations of these reviewers, a third was appointed. This process yielded 78 papers for inclusion. The papers were published as submitted by the writers. While great care was taken by the editors, some errors inevitably occur. For these we apologise.

The Editors  
Lismore