Contents

Preface	
Chapter 1	Solving the Problem with Algebra1 Kaye Stacey and Helen Chick
Chapter 2	The Core of Algebra: Reflections on its Main Activities21 Carolyn Kieran
Chapter 3	Responses to 'The Core of Algebra'35 Laurinda Brown and Jean-Philippe Drouhard
Chapter 4	Working Group on Early Algebra45 The Early Development of Algebraic Reasoning: The Current State of the Field47 Romulo Lins and James Kaput
Chapter 5	Working Group on Approaches to Algebra
Chapter 6	Working Group on Technological Environments97 Research on the Role of Technological Environments in Algebra Learning and Teaching
Chapter 7	Working Group on CAS and Algebra
Chapter 8	Working Group on Algebra History in Mathematics Education
Chapter 9	Working Group on Symbols and Language225 Symbols and Language227 Jean-Philippe Drouhard and Anne R. Teppo

Chapter 10	Working Group on Teachers' Knowledge and the Teaching of Algebra Teachers' Knowledge and the Teaching of Algebra Helen M. Doerr	
Chapter 11	Working Group on Teaching and Learning Tertiary Algebra The Teaching and Learning of Tertiary Algebra David Carlson	
Chapter 12	Working Group on Goals and Content of an Algebra Curriculum for the Compulsory Years Goals and Content of an Algebra Curriculum for the Compulsory Years of Schooling Mollie MacGregor	
Chapter 13	Algebra: A World of Difference	329
Conference	Participants	347
Index of Au	thors	355
Index		365