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in the Early Grades James J. Kaput,David W. Carraher,Maria L. Blanton,2017-09-25 This volume is the first to offer a comprehensive research based multi faceted look at issues in early algebra In recent years the National Council for Teachers of Mathematics has recommended that algebra become a strand flowing throughout the K 12 curriculum and the 2003 RAND Mathematics Study Panel has recommended that algebra be the initial topical choice for focused and coordinated research and development in K 12 mathematics This book provides a rationale for a stronger and more sustained approach to algebra in school as well as concrete examples of how algebraic reasoning may be developed in the early grades It is organized around three themes The Nature of Early Algebra Students Capacity for Algebraic Thinking Issues of Implementation Taking Early Algebra to the Classrooms The contributors to this landmark volume have been at the forefront of an effort to integrate algebra into the existing early grades mathematics curriculum They include scholars who have been developing the conceptual foundations for such changes as well as researchers and developers who have led empirical investigations in school settings Algebra in the Early Grades aims to bridge the worlds of research practice design and theory for educators researchers students policy makers and curriculum developers in mathematics education The Australian Mathematics Teacher ,1993 **The British National Bibliography** Arthur James Wells,1996 Forthcoming Books Rose Army,2003-04

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Euclides ,1999 **Educational Research Document Summaries** Educational Research Information Center (U.S.),1966 **The Independent School Bulletin** ,1974 *Bringing the Common Core Math Standards to Life* Yvelyne Germain-McCarthy,Ivan Gill,2014-11-20 Provides a clear explanation of the big shifts happening in the classroom as a result of the Common Core State Standards Offers real examples and detailed analyses of how exemplary teachers are using engaging strategies across the curriculum Includes practical ready to use tools you can take back to your classroom

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The British National Bibliography Cumulated Subject Catalogue ,1970 **Bulletin** Institute of Mathematics and Its Applications,1993

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