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Early algebraization. A global dialogue from multiple perspectives.

Advances in Mathematics Education. Berlin: Springer (ISBN 978-3-642-17734-7/hbk; 978-3-642-17735-4/ebook). xxiii, 623 p. (2011).

Publisher's description: In recent years there has been increased interest in the development of students' algebraic thinking in the elementary and middle school grades. This volume contains the most comprehensive collection of research focused on early algebraization. The volume's authors - leading international mathematics education scholars - present perspectives on early algebraization that promote a global dialogue on the topic. Research is presented from many parts of the world, including Asia, Australasia, Western and Eastern Europe, and North America. The volume authors consider issues concerning early algebraization from three fundamental perspectives - curricular, cognitive, and instructional. The chapters in this volume not only represent the state of the art about research on early algebraization, but also provide suggestions for future research. - The chapters of this volume will be reviewed individually in MathEduc.

Classification: D30 D40 D20 H20 H30

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