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Autore	Cai Jinfa
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Nota di contenuto	Chapter 1: Mathematical Problem-Posing Research: Thirty Years of Advances Building on the Publication of "On Mathematical Problem Posing" -- Chapter 2: Professional Learning Tasks Through Job-Embedded Teacher Professional Development -- Chapter 3: To What Extent Are Open Problems Open? Interplay Between Problem Context and Structure -- Chapter 4: The Researcher and the Practitioner: Stories About Establishing Pipelines, Building Bridges, and Crossing Borders -- Chapter 5: Understanding and Improving Mathematics Instruction Through a Cultural Lens -- Chapter 6: From Mathematical Tasks to Research-Practice Partnerships: A Look at Edward Silver's Influence on our Efforts at Mathematics Instructional Improvement -- Chapter 7: Desirable Features of Mathematical Tasks: Views of Mathematics Teacher Educators -- Chapter 8: Parental Involvement in Young Children's Mathematical Learning: The Story of Family Math Tasks -- Chapter 9: Engaging All Students in Challenging Mathematical Work:

Working at the Intersection of Cognitively Challenging Tasks and Differentiation During Lesson Planning and Enactment -- Chapter 10: A Review of the Mathematical Tasks Framework and Levels of Cognitive Demand -- Chapter 11: A Critical Discursive Framework for Analyzing the Views About Mathematics Being Promoted by Mathematics Textbooks for Prospective Elementary Teachers -- Chapter 12: Mathematical Tasks: The Lasting Legacy of the QUASAR Project -- Edward A Silver bio sketch .

Sommario/riassunto

This book is about promising research advancements that sparked directly or indirectly from intellectual contributions by distinguished internationally recognized mathematics educator and researcher, Edward A. Silver. The features of this book include: A focus on the research areas that have benefited from Dr. Silver's intellectual contributions and influence, such as designing instructional tasks, problem posing, problem solving, preservice teacher learning, in service teacher professional development, and mathematics assessment Chapters written by contributors who at one time were his doctoral or post-doctoral colleagues along with any invited co-authors A brief bio of Dr. Silver showing his intellectual journey, key milestones in his career, and scholarly accomplishments that sparked from his intellectual contributions.
