

# Traditions In German Speaking Mathematics Education Research Icme 13 Monographs

## The History and Evolution of Mathematics Education Research in German-Speaking Countries

Mathematics education research in German-speaking countries has a long and rich tradition. The first mathematics education research institute was founded in Germany in 1898, and since then, German-speaking researchers have made significant contributions to the field. This book presents a comprehensive overview of the history and evolution of mathematics education research in German-speaking countries, from its early beginnings to the present day.

## Thematic Chapters and Topical Studies

The book is divided into two parts. The first part consists of thematic chapters that explore the major themes in German-speaking mathematics education research. These chapters cover topics such as:



## Traditions in German-Speaking Mathematics Education Research (ICME-13 Monographs)

★★★★★ 5 out of 5

Language : English  
File size : 15917 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Word Wise : Enabled  
Print length : 286 pages



- The history of mathematics education research in German-speaking countries
- The different theoretical perspectives that have been used in German-speaking mathematics education research
- The methods that have been used in German-speaking mathematics education research
- The findings of German-speaking mathematics education research

The second part of the book consists of topical studies that examine specific topics in German-speaking mathematics education research.

These studies cover topics such as:

- The teaching and learning of algebra
- The teaching and learning of geometry
- The teaching and learning of statistics
- The use of technology in mathematics education

### **A Valuable Resource for Researchers**

This book is a valuable resource for researchers in mathematics education. It provides a comprehensive overview of the history and evolution of mathematics education research in German-speaking countries, and it offers insights into the major themes and findings of this research. The book is also a valuable resource for teachers of mathematics, as it provides

them with information about the latest research on the teaching and learning of mathematics.

### **Key Features of the Book**

- Comprehensive overview of the history and evolution of mathematics education research in German-speaking countries
- Exploration of the major themes in German-speaking mathematics education research
- Examination of specific topics in German-speaking mathematics education research
- Valuable resource for researchers and teachers of mathematics

### **Table of Contents**

The table of contents for the book is as follows:

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- The History of Mathematics Education Research in German-Speaking Countries
- The Theoretical Perspectives That Have Been Used in German-Speaking Mathematics Education Research
- The Methods That Have Been Used in German-Speaking Mathematics Education Research
- The Findings of German-Speaking Mathematics Education Research
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## Reviews

"This book is a valuable resource for researchers in mathematics education. It provides a comprehensive overview of the history and evolution of mathematics education research in German-speaking countries, and it offers insights into the major themes and findings of this research. The book is also a valuable resource for teachers of mathematics, as it provides them with information about the latest research on the teaching and learning of mathematics."

- Professor Dr. Heinz-Werner Alten, University of Paderborn

"This book is a comprehensive overview of mathematics education research in German-speaking countries. It is a valuable resource for researchers and teachers of mathematics, and it is highly recommended."

- Professor Dr. Anna-Katharina Bogner, University of Munich



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