There are many factors influencing mathematics learning. However, what teachers believe, what they know and the actions they take within and outside the classroom provide the greatest impact on students’ confidence and learning of mathematics. This book provides examples from around the world of research insights and approaches to teaching mathematics that recognize the crucial role of the teacher in facilitating learning.

The book has contributions from 14 countries and more than 50 mathematics educators and researchers. The scope of their expertise clearly illustrates how varied, complex and stimulating the study of mathematics education is. It also demonstrates that teachers and researchers around the world share a powerful interest in improving mathematics learning for all students.

This book is written for classroom teachers, for pre-service and in-service education and for students in post-graduate courses.

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