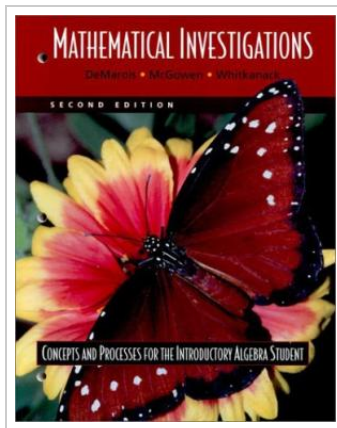




Mathematical Investigations: Concepts and Processes for the Introductory Alge.

By Mercedes A.; McGowen

Addison Wesley, 2000. Taschenbuch. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Reflective of AMATYC and NCTM standards for teaching mathematics, this text (the first in a series of two texts) aims to make mathematics truly accessible to all students by taking an active approach to learning. Focused on mathematical reasoning and problem-solving strategies, Mathematical Investigations presents a series of carefully sequenced investigations where students gather data and work collaboratively to discover key concepts. The function concept is central to all topics from Chapter 3 forward and is explored through multiple representations. This text explores variables, notation, and processes explicitly rather than assuming students have mastered these concepts in previous courses. Content is explored in depth, and contextual problems are revisited throughout the text to create a spiral that gives students multiple opportunities to master important skills and concepts. Graphing calculators are integrated throughout the text to help students discover patterns and interpret data intelligently. Students construct their knowledge of a particular topic in a real-world context and then reinforce this knowledge through reflection, practice, and synthesis with other topics as they work through the text. 572 pp....



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