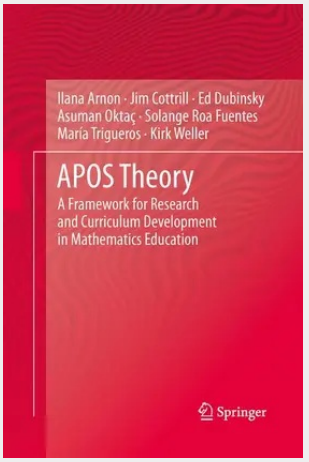
Arnon / Cottrill / Dubinsky

APOS Theory

A Framework for Research and Curriculum Development in Mathematics Education



In spite of the fact that APOS Theory has been used extensively in numerous scholarly publications, in the design of textbooks, and in teaching practice, there is no single references that contains all the relevant information about its components, and provides guidance about its application. The goal of this book is to present the main elements of APOS theory. It should be useful for researchers who work with, or would like to learn more about, this theoretical approach, people who are interested in the way which mathematical conceptions are constructed according to this theory, Mathematics Education researchers, graduate students in Mathematics Education, and Mathematics instructors.

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106,99 €
99,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781489998255
Medium: Buch
ISBN: 978-1-4899-9825-5
Verlag: Springer
Erscheinungstermin: 27.08.2015
Sprache(n): Englisch
Auflage: Softcover Nachdruck of the original 1. Auflage 2014
Produktform: Kartoniert
Gewicht: 4102 g
Seiten: 254
Format (B x H): 155 x 235 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)