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		Mathematical analysis
		Mathematical optimization
		Calculus of variations
		Differential equations
		Engineering Mathematics
		Integral Transforms and Operational Calculus
		Calculus of Variations and Optimization
		Differential Equations
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	Nota di contenuto	Chapter 1: Problems: Applications of integration -- Chapter 2: Solutions of Problems: Applications of integration -- Chapter 3: Problems: Sequences and series and their applications -- Chapter 4: Solutions of Problems: Sequences and series and their applications -- Chapter 5: Problems: Polar coordinate system -- Chapter 6: Solutions of Problems: Polar coordinate system -- Chapter 7: Problems: Complex numbers -- Chapter 8: Solutions of Problems: Complex numbers.
	Sommario/riassunto	This study guide is designed for students taking a Calculus II course. The textbook includes examples, questions, and practice problems that will help students to review and sharpen their knowledge of the subject and enhance their performance in the classroom. The material covered in the book includes applications of integration, sequences and series and their applications, polar coordinate systems, and complex numbers. Offering detailed solutions, multiple methods for solving

problems, and clear explanations of concepts, this hands-on guide will improve students' problem-solving skills and foster a solid understanding of calculus, which will benefit them in all of their calculus-based courses. Exercises cover a wide selection of basic and advanced questions and problems; Arranges problems by difficulty level, catering to both well-prepared and less-experienced student; Provides detailed and instructor-recommended solutions and methods, along with clear explanations.