1.	Record Nr.	UNINA9910799206303321
	Autore	Rahmani-Andebili Mehdi
	Titolo	Precalculus [[electronic resource]] : Practice Problems, Methods, and Solutions / / by Mehdi Rahmani-Andebili
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
	ISBN	3-031-49364-8
	Edizione	[2nd ed. 2023.]
	Descrizione fisica	1 online resource (169 pages)
	Disciplina	512.1
	Soggetti	Engineering mathematics
		Mathematical analysis
		Differential equations
		Engineering Mathematics
		Integral Transforms and Operational Calculus
		Differential Equations
		Càlcul
		Problemes i exercicis
		Llibres electrònics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	1. Problems: Real Number Systems, Exponents and Radicals, and Absolute Values and Inequalities -- 2. Solutions of Problems: Real Number Systems, Exponents and Radicals, and Absolute Values and Inequalities -- 3. Problems: Systems of Equations -- 4. Solutions of Problems: Systems of Equations -- 5. Problems: Quadratic Equations -- 6. Solutions of Problems: Quadratic Equations -- 7. Problems: Functions, Algebra of Functions, and Inverse Functions -- 8. Solutions of Problems: Functions, Algebra of Functions, and Inverse Functions -- 9. Problems: Factorization of Polynomials -- 10. Solutions of Problems: Factorization of Polynomials -- 11. Problems: Trigonometric and Inverse Trigonometric Functions -- 12. Solutions of Problems: Trigonometric and Inverse Trigonometric Functions -- 13. Problems: Arithmetic and Geometric Sequences -- 14. Solutions of Problems: Arithmetic and Geometric Sequences.

Sommario/riassunto

The second edition of this study guide is written and designed for students taking a precalculus course. It includes new and expanded exercises with final answers that will help students to review and sharpen their knowledge of the subject and enhance their performance in the classroom. The author uses methods typically found in instructor-recommended textbooks, 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 students; Provides detailed and instructor-recommended solutions and methods, along with clear explanations.